

# Converting Colors

HunterLab(95.5700, -27.6583,  
50.6072)

Have a look what the booklet for  
HunterLab(95.5700, -27.6583,  
50.6072) contains.

<b>HunterLab(95.5806, -27.6190, 50.6152)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**HunterLab(95.5806,  
-27.6190, 50.6152)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2FF66
RGB	242, 255, 102
RGB Percent	95%, 100%, 40%
CMY	0.0510, 0.0000, 0.6000
CMYK	0.05, 0.00, 0.60, 0.00
HSL	65°, 100%, 70%
HSV	65°, 60%, 100%
XYZ	74.7762, 91.3565, 26.2629
YIQ	233.6710, 41.3650, -50.3390

# Conversions

## Conversions Part 2

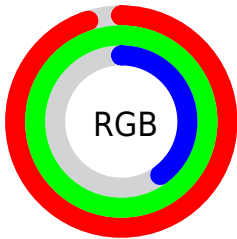
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 255, 115
Decimal	15925094
CIE <sub>Lab</sub>	96.56, -23.58, 69.56
CIE <sub>LCh</sub>	97, 73.453, 108.725
Yxy	91.3565, 0.3887, 0.4748
Android (android.graphics.Color)	4294115174 (0xFFFF2FF66)
YUV	233.6710, -64.9138, 7.3045
Hunter-Lab	95.5806, -27.6190, 50.6152

# Details

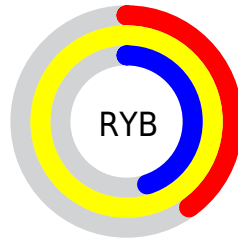
The HunterLab color **95.5806, -27.6190, 50.6152** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **45.1319, 39.1682, -95.7909**, and the grayscale version is **90.8262, -4.8463, 4.9348**.

A 20% lighter version of the original color is **97.5954, -18.6729, 40.1594**, and **71.1547, -23.7781, 41.5245** is the 20% darker color. If you saturate the color by 10%, you get **95.1550, -29.6558, 53.7970**, and if you desaturate by 10%, it is **96.0876, -25.1312, 46.2727**.

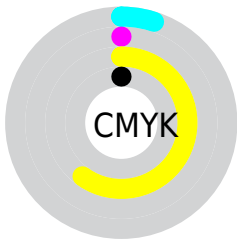
# Distribution



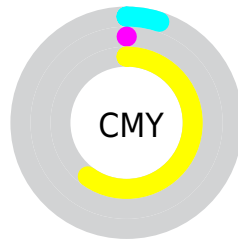
- Red (95%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.5806, -27.6190, 50.6152 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 95.5806, -27.6190, 50.6152 by changing the saturation by 10% instead.





 95.5806, -27.6190,  
50.6152


 95.5806, -27.6190,  
50.6152


230.7453,  
-43.1942, 85.0219

 83.1302, -25.8272,  
46.2135


 122.1562,  
-31.1394, 58.9649

 71.2729, -24.0056,  
41.6329


 136.2368,  
-32.8780, 62.9510

 60.0401, -22.1443,  
36.8479


 150.8203,  
-34.6072, 66.8313

 49.4685, -20.2306,  
31.8343

 165.8900,  
-36.3297, 70.6181

 39.6026, -18.2457,  
26.6013

181.4306,  
-38.0479, 74.3220

 30.4968, -16.1623,  
21.3478

197.4284,

 22.2210, -13.9368,

-39.7637, 77.9522

15.5547

213.8705,  
-41.4787, 81.5165

■ 14.8687, -11.4934,  
10.4081

■ 8.5198, -12.5152,  
5.9638

■ 95.5806, -27.6190,  
50.6152

■ 95.5806, -27.6190,  
50.6152

■ 95.1550, -29.6558,  
53.7970

■ 96.0876, -25.1312,  
46.2727

■ 94.8042, -31.2750,  
55.9113

■ 96.6815, -22.1686,  
40.7038

■ 94.5196, -32.5217,  
57.0782

■ 97.3666, -18.7144,  
33.8591

■ 94.2866, -33.4780,  
57.5128

■ 98.1464, -14.7591,  
25.7071

■ 94.2865, -33.4782,  
57.5128

■ 99.0236, -10.2986,  
16.2318

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

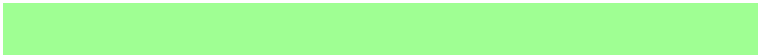
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5806, 9.7261, 51.5651



95.5806, -27.6190, 50.6152



95.5806, -54.3996, 40.8425

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5806, -27.6189, 50.6145



95.5806, -49.0012, -63.8531



95.5806, 78.3821, -9.5351

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.5806, -27.6190, 50.6152



45.1319, 39.1682, -95.7909

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5806, 56.7863, -53.5178



95.5806, -27.6190, 50.6152



95.5806, -19.0837, -92.1704

# Square

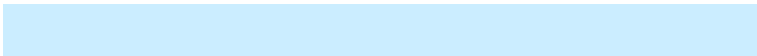
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.5806, -27.6189, 50.6145



95.5806, -65.3360, -20.1332



95.5806, 19.7072, -87.7814



95.5806, 75.1296, 25.0727



# Rectangle

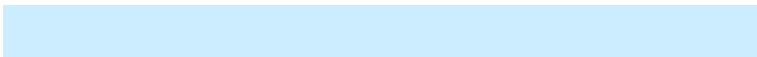
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.5806, -27.6190, 50.6152



95.5806, -64.5111, 27.2937



95.5806, 19.7072, -87.7814



95.5806, 73.6668, -23.8712

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.5806, -27.6189, 50.6145



98.3139, -13.9082, 23.9198



58.6728, 48.6504, 24.3017



45.3723, -7.0047, 12.2625

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5806, -27.6189, 50.6145



95.0791, -30.0121, 54.3024



89.7551, -50.0120, 46.1266



45.8341, -4.6567, 7.2773



68.1796, -24.1095, 41.5899



21.3265, -7.3266, 13.0130



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.1319, 39.1682, -95.7909



37.1535, 51.5329, -127.1802



52.7567, 57.7357, -72.8045



41.7750, 0.1569, -2.9958



19.7104, 52.8942, -135.6308

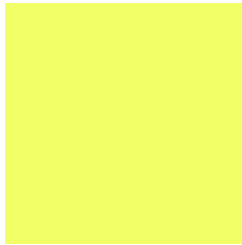


6.3426, 16.6531, -40.7944



# Previews

## White Background



This preview shows how the HunterLab color 95.5806, -27.6190, 50.6152 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.5806, -27.6190, 50.6152 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

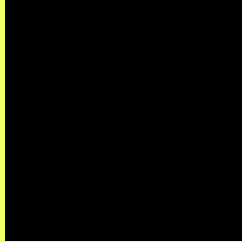
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 95.5806, -27.6190, 50.6152 Background



This preview shows how black text looks on a background with the HunterLab color 95.5806, -27.6190, 50.6152.



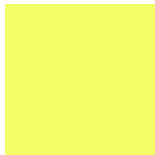
This preview shows how white text looks on a background with the HunterLab color 95.5806,

-27.6190, 50.6152.

# Color Blindness Simulation

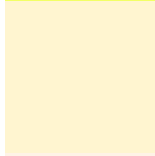
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



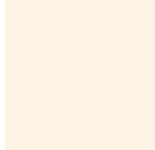
### Original Color

95.5806, -27.6190, 50.6152



### Protanopia

95.4562, -7.5821, 21.6218



### Deuteranopia

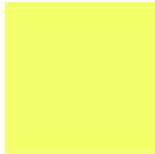
95.4329, -3.2079, 12.2387



## Tritanopia

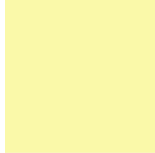
95.2891, 2.6793, -0.1024

# Trichromacy



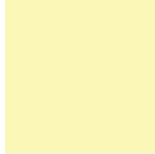
## Original Color

95.5806, -27.6190, 50.6152



## Protanomaly

95.3624, -16.2760, 35.1395



## Deuteranomaly

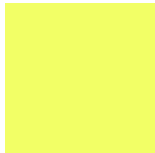
95.0076, -13.6442, 30.3468



## Tritanomaly

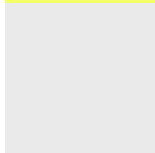
94.7377, -10.5643, 24.3764

# Monochromacy



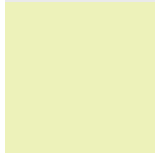
## Original Color

95.5806, -27.6190, 50.6152



## Achromatopsia

90.7075, -4.8399, 4.9283



## Achromatomaly

92.2247, -15.1861, 26.6977

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.5806, -27.6190, 50.6152 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 102)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 102) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.5806, -27.6190, 50.6152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 255, 102) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 255, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
102) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.5806, -27.6190, 50.6152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 102) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
255, 102) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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