

# Converting Colors

HunterLab(98.0529, 13.5520,  
-6.9750)

Have a look what the booklet for  
HunterLab(98.0529, 13.5520,  
-6.9750) contains.

<b>HunterLab(95.2891, 2.6793, -0.1024)</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(95.2891, 2.6793,  
-0.1024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF0FF
RGB	255, 240, 255
RGB Percent	100%, 94%, 100%
CMY	0.0000, 0.0588, 0.0000
CMYK	0.00, 0.06, 0.00, 0.00
HSL	300°, 100%, 97%
HSV	300°, 6%, 100%
XYZ	90.4500, 90.8001, 107.3666
YIQ	246.1950, 4.1250, 7.8450

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 240, 255
Decimal	16773375
CIE <sub>Lab</sub>	96.33, 7.63, -5.40
CIE <sub>LCh</sub>	96, 9.347, 324.734
Yxy	90.8036, 0.3134, 0.3146
Android (android.graphics.Color)	4294963455 (0xFFFFF0FF)
YUV	246.1950, 4.3409, 7.7220
Hunter-Lab	95.2891, 2.6793, -0.1024

# Details

The HunterLab color  $95.2891, 2.6793, -0.1024$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $98.1519, -12.7716, 10.4565$ , and the grayscale version is  $96.0671, -5.1259, 5.2195$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $70.9676, 3.1335, -0.8502$  is the 20% darker color. If you saturate the color by 10%, you get  $87.6525, 16.5801, -9.6934$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

# Distribution



- Red (100%)
- Green (94%)
- Blue (100%)



- Red (100%)
- Yellow (94%)
- Blue (100%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.2891, 2.6793, -0.1024 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 95.2891, 2.6793, -0.1024 by changing the saturation by 10% instead.



95.2891, 2.6793,  
-0.1024

95.2891, 2.6793,  
-0.1024

230.3566, -1.9538,  
5.5298

82.8537, 2.9981,  
-0.5500

121.8418, 1.9011,  
0.9175

71.0103, 3.2717,  
-0.9569

135.9107, 1.4535,  
1.4811

59.7920, 3.4928,  
-1.3175

150.4830, 0.9687,  
2.0787

49.2360, 3.6559,  
-1.6277

165.5418, 0.4487,  
2.7089

39.3867, 3.7541,  
-1.8824

181.0719, -0.1050,  
3.3703

30.2990, 3.7779,  
-2.0748

197.0594, -0.6908,

22.0431, 3.7144,

4.0616

-2.1962

213.4915, -1.3074,  
4.7818

■ 14.7131, 3.5440,  
-2.2337

■ 8.3706, 3.5265,  
-2.2941

■ 95.2891, 2.6793,  
-0.1024

■ 95.2891, 2.6793,  
-0.1024

■ 87.6525, 16.5801,  
-9.6934

100.0000, -5.3358,  
5.4332

■ 80.5467, 30.7667,  
-19.4691

■ 74.0638, 45.0647,  
-29.3093

■ 68.3071, 59.1512,  
-38.9926

■ 63.3879, 72.5054,  
-48.1628

■ 59.4116, 84.4057,  
-56.3274

■ 56.4551, 94.0291,  
-62.9250

■ 54.5363, 100.6859,  
-67.4865

■ 53.5800, 104.1378,  
-69.8512

# Harmonies

## Analogous

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



95.2909, -1.1404, -3.2625



95.2891, 2.6793, -0.1024



95.2909, 4.4142, 4.3658

# Triad

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



95.2909, 2.6761, -0.1002



95.2909, -4.2287, 13.6366



95.2909, -13.4454, 1.3846

# Complementary

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



95.2891, 2.6793, -0.1024



98.1519, -12.7716, 10.4565

# 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.



95.2909, -14.2349, 6.0008



95.2891, 2.6793, -0.1024



95.2909, -8.9755, 12.9271

# Square

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



95.2909, 2.6761, -0.1002



95.2909, 0.3768, 12.1763



95.2909, -12.6143, 10.1875



95.2909, -10.4355, -2.3755



# Rectangle

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



95.2891, 2.6793, -0.1024



95.2909, 4.1356, 7.4245



95.2909, -12.6143, 10.1875



95.2909, -13.9767, 2.8938

# Sweetspot

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



95.2909, 2.6761, -0.1002



98.3814, -2.6249, 3.5605



93.8456, -2.2712, -1.9841



45.5527, -1.2767, 1.6903

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



95.2909, 2.6761, -0.1002



94.4115, 4.2164, -1.1635



95.0422, 1.3318, 3.4395



43.4609, 2.3356, -0.8040



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

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



95.2909, 2.6761, -0.1002



94.4115, 4.2164, -1.1635



98.3833, -11.4874, 7.1467



43.4609, 2.3356, -0.8040



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 95.2891, 2.6793, -0.1024 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

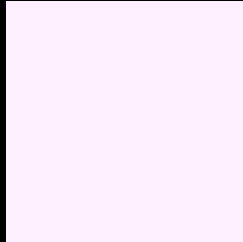
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.2891, 2.6793, -0.1024 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

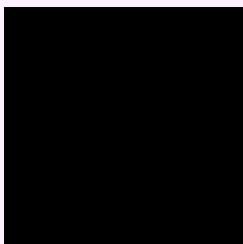
Any Text WCAG AA ✓ Pass

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 95.2891, 2.6793, -0.1024 Background



This preview shows how black text looks on a background with the HunterLab color 95.2891, 2.6793, -0.1024.



This preview shows how white text looks on a background with the HunterLab color 95.2891, 2.6793, -0.1024.

-0.124.

# 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

95.2891, 2.6793, -0.1024

### Protanopia

95.2542, -2.2446, -0.2317

### Deuteranopia

95.1552, 1.9563, 1.8013



## Tritanopia

95.4009, 1.4681, 0.0142

# Trichromacy



## Original Color

95.2891, 2.6793, -0.1024

## Protanomaly

95.3226, -0.3994, -0.1150

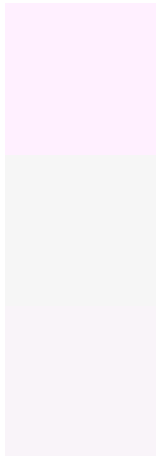
## Deuteranomaly

95.1885, 2.1358, 1.3286

## Tritanomaly

95.4994, 1.8040, 0.1415

# Monochromacy



## Original Color

95.2891, 2.6793, -0.1024

## Achromatopsia

95.9991, -5.1223, 5.2158

## Achromatomaly

95.7500, -2.5475, 3.4604

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.2891, 2.6793, -0.1024 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(255, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 255)  
}
```

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(255, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.2891, 2.6793, -0.1024 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(255, 240, 255) }
```



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

```
.border{ border-color:rgb(255, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.2891, 2.6793, -0.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 255) }
```

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

```
.background{ background-color: rgb(255,  
240, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor