

Converting Colors

HunterLab(95.2410, -29.6391,
56.2184)

Have a look what the booklet for
HunterLab(95.2410, -29.6391,
56.2184) contains.

HunterLab(95.2031, -29.7808, 56.1918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(95.2031,
-29.7808, 56.1918)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FF33
RGB	242, 255, 51
RGB Percent	95%, 100%, 20%
CMY	0.0510, 0.0000, 0.8000
CMYK	0.05, 0.00, 0.80, 0.00
HSL	64°, 100%, 60%
HSV	64°, 80%, 100%
XYZ	72.9755, 90.6363, 16.7804
YIQ	227.8570, 57.7360, -66.2000

Conversions

Conversions Part 2

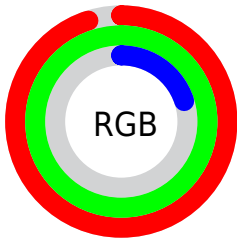
Format	Color
R _Y B	51, 255, 64
Decimal	15925043
CIE Lab	96.26, -26.04, 86.32
CIE LCh	96, 90.162, 106.785
Yxy	90.6362, 0.4045, 0.5024
Android (android.graphics.Color)	4294115123 (0xFFFF2FF33)
YUV	227.8570, -87.1905, 12.4034
Hunter-Lab	95.2031, -29.7808, 56.1918

Details

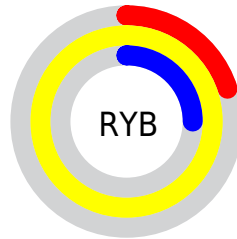
The HunterLab color **95.2031, -29.7808, 56.1918** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **32.6787, 59.4286, -150.4732**, and the grayscale version is **88.3695, -4.7152, 4.8013**.

A 20% lighter version of the original color is **96.9747, -22.1704, 49.2651**, and **70.9459, -24.8099, 43.2822** is the 20% darker color. If you saturate the color by 10%, you get **94.9648, -30.8479, 57.3844**, and if you desaturate by 10%, it is **95.5065, -28.3451, 54.0517**.

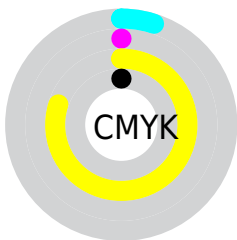
Distribution



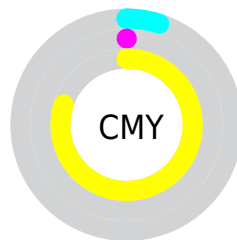
- Red (95%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (25%)



- Cyan (5%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.2031, -29.7808, 56.1918 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 95.2031, -29.7808, 56.1918 by changing the saturation by 10% instead.

95.2031, -29.7808,
56.1918

95.2031, -29.7808,
56.1918

230.2386,
-46.2606, 97.8411

82.7698, -27.8651,
50.8340

121.7464,
-33.5309, 66.3586

70.9306, -25.9119,
45.2713

135.8118,
-35.3768, 71.2045

59.7168, -23.9102,
39.4908

150.3807,
-37.2089, 75.9135

49.1655, -21.8449,
33.5155

165.4362,
-39.0306, 80.4995

39.3212, -19.6948,
27.5249

180.9630,
-40.8446, 84.9750

30.2390, -17.4280,
21.1673

196.9474,

21.9891, -14.9944,

-42.6530, 89.3508

15.3924

213.3765,
-44.4578, 93.6367

■ 14.6660, -12.3068,
10.2662

■ 8.3248, -14.0733,
5.8274

■ 95.2031, -29.7808,
56.1918

■ 95.2031, -29.7808,
56.1918

■ 94.9648, -30.8479,
57.3844

■ 95.5065, -28.3451,
54.0517

■ 94.7771, -31.6289,
57.8473

■ 95.8837, -26.4949,
50.8446

■ 94.7771, -31.6292,
57.8475

■ 96.3416, -24.1961,
46.4773

■ 96.8856, -21.4234,
40.8800

■ 97.5203, -18.1590,
34.0023

■ 98.2492, -14.3917,
25.8107

■ 99.0752, -10.1165,
16.2873

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.



95.2031, 16.4475, 56.6104



95.2031, -29.7808, 56.1918



95.2031, -62.3554, 47.2293

Triad

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



95.2031, -29.7808, 56.1910



95.2031, -59.3568, -81.0686



95.2031, 99.7219, -16.6180

Complementary

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



95.2031, -29.7808, 56.1918



32.6787, 59.4286, -150.4732

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.



95.2031, 70.0569, -74.3837



95.2031, -29.7808, 56.1918



95.2031, -24.8589, -122.0839

Square

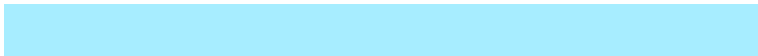
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.2031, -29.7808, 56.1910



95.2031, -77.0236, -23.1072



95.2031, 22.4170, -119.1733



95.2031, 97.6953, 26.7984

Rectangle

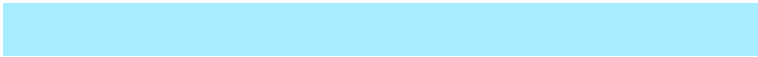
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.2031, -29.7808, 56.1918



95.2031, -74.6650, 33.2022



95.2031, 22.4170, -119.1733



95.2031, 92.9145, -35.2714

Sweetspot

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



95.2031, -29.7808, 56.1910



97.9458, -15.9610, 29.2499



49.8589, 68.5451, 28.1969



45.1953, -7.9987, 14.8654

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



95.2031, -29.7808, 56.1910



94.8485, -31.3371, 57.7135



88.0803, -57.5712, 51.1577



45.8567, -4.5771, 7.3029



68.5286, -22.7942, 41.8280



21.4233, -6.9627, 13.0791

Inverse Universe

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



32.6787, 59.4286, -150.4732



27.6739, 71.4248, -184.3898



41.7094, 74.1437, -107.4859



41.7528, 0.0811, -3.0261



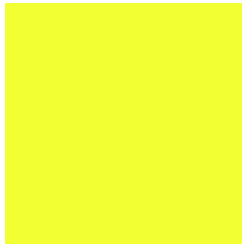
19.6269, 52.8327, -136.3161



6.2733, 16.5984, -41.3348

Previews

White Background



This preview shows how the HunterLab color 95.2031, -29.7808, 56.1918 looks on a white background.

Color Contrast Check

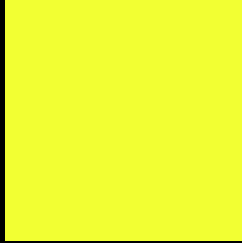
Large Text (above 18pt) WCAG AA × Fail

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 95.2031, -29.7808, 56.1918 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 95.2031, -29.7808, 56.1918 Background



This preview shows how black text looks on a background with the HunterLab color 95.2031, -29.7808, 56.1918.



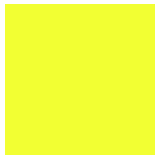
This preview shows how white text looks on a background with the HunterLab color 95.2031,

-29.7808, 56.1918.

Color Blindness Simulation

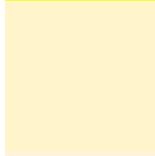
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



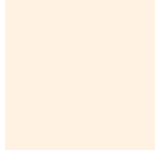
Original Color

95.2031, -29.7808, 56.1918



Protanopia

94.9872, -7.9023, 23.5144



Deuteranopia

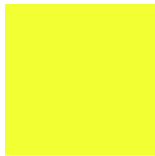
95.0317, -3.1598, 13.1623



Tritanopia

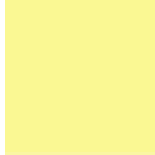
94.9130, 2.8542, 0.4846

Trichromacy



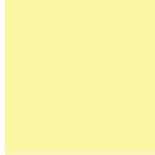
Original Color

95.2031, -29.7808, 56.1918



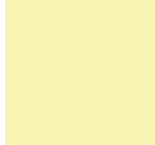
Protanomaly

94.6390, -18.0143, 40.7074



Deuteranomaly

94.5991, -15.9240, 36.2956



Tritanomaly

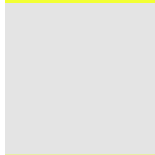
94.2996, -12.9958, 30.7304

Monochromacy



Original Color

95.2031, -29.7808, 56.1918



Achromatopsia

88.0808, -4.6998, 4.7856



Achromatomaly

90.0850, -17.2034, 32.0930

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 95.2031, -29.7808, 56.1918 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 95.2031, -29.7808, 56.1918 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, 51) }
```


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

```
.border{ border-color:rgb(242, 255, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 95.2031, -29.7808, 56.1918 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, 51) }
```

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

```
.background{ background-color: rgb(242,  
255, 51) }
```

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