

Converting Colors

HunterLab(55.4891, 96.9688,
-64.3970)

Have a look what the booklet for
HunterLab(55.4891, 96.9688,
-64.3970) contains.

HunterLab(55.4828, 96.9456, -64.3147)	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(55.4828, 96.9456,
-64.3147)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33FE
RGB	255, 51, 254
RGB Percent	100%, 20%, 100%
CMY	0.0000, 0.8000, 0.0039
CMYK	0.00, 0.80, 0.00, 0.00
HSL	300°, 100%, 60%
HSV	300°, 80%, 100%
XYZ	60.3132, 30.7834, 96.5289
YIQ	135.1380, 56.4210, 106.3810

Conversions

Conversions Part 2

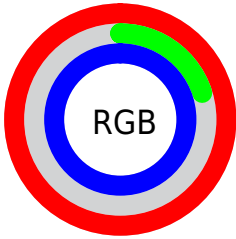
Format	Color
R _{YB}	255, 51, 254
Decimal	16724990
CIE _{Lab}	62.33, 92.06, -57.09
CIE _{LCh}	62, 108.320, 328.195
Y _{xy}	30.7845, 0.3215, 0.1641
Android (android.graphics.Color)	4294915070 (0xFFFF33FE)
YUV	135.1380, 58.5990, 105.1190
Hunter-Lab	55.4828, 96.9456, -64.3147

Details

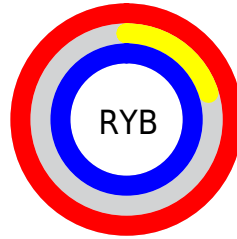
The HunterLab color **55.4828, 96.9456, -64.3147** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **85.1306, -69.8336, 48.9709**, and the grayscale version is **49.0388, -2.6166, 2.6644**.

A 20% lighter version of the original color is **65.3038, 67.1406, -44.4800**, and **39.3127, 77.4618, -53.1829** is the 20% darker color. If you saturate the color by 10%, you get **53.9677, 102.2493, -67.8536**, and if you desaturate by 10%, it is **58.0203, 88.4985, -58.6244**.

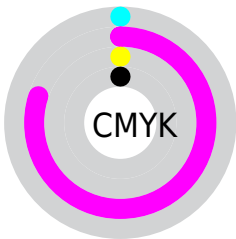
Distribution



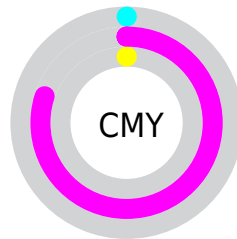
- Red (100%)
- Green (20%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.4828, 96.9456, -64.3147 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 55.4828, 96.9456, -64.3147 by changing the saturation by 10% instead.


 55.4828, 96.9456,
-64.3147


 55.4828, 96.9456,
-64.3147


174.7983,
118.4734, -71.0340


 45.2049, 94.3260,
-63.8460


 78.0389, 102.2021,
-65.7093


 35.6532, 91.8435,
-63.7210


 90.2418, 104.7620,
-66.5001


 26.8890, 89.7148,
-64.2465


 103.0219,
107.2503, -67.3042

 18.9907, 88.4395,
-66.0978

 116.3541,
109.6595, -68.1018

 12.0663, 89.3501,
-71.0333

 130.2163,
111.9864, -68.8804

 5.0737, 124.9846,
-107.3752

144.5892,

0.0000, INF, -NF

114.2304, -69.6318

0.0000, NaN, -NF

159.4552,
116.3921, -70.3508

■ 55.4828, 96.9456,
-64.3147

■ 55.4828, 96.9456,
-64.3147

■ 53.9677, 102.2493,
-67.8536

■ 58.0203, 88.4985,
-58.6244

■ 53.2917, 104.6595,
-69.4167

■ 61.5930, 77.4621,
-51.1530

■ 53.2914, 104.6604,
-69.4173

■ 66.1447, 64.6372,
-42.4418

■ 71.5782, 50.8060,
-33.0215

■ 77.7824, 36.5746,
-23.3049

■ 84.6496, 22.3418,
-13.5655

■ 92.0840, 8.3339,
-3.9595

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.



55.4838, 46.6636, -139.2989



55.4828, 96.9456, -64.3147



55.4838, 119.7435, 0.2368

Triad

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



55.4838, 96.9423, -64.3128



55.4838, -0.0813, 38.8387



55.4838, -62.3659, -55.0865

Complementary

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



55.4828, 96.9456, -64.3147



85.1306, -69.8336, 48.9709

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.



55.4838, -67.5874, 5.6664



55.4828, 96.9456, -64.3147



55.4838, -39.6113, 37.9428

Square

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



55.4838, 96.9423, -64.3128



55.4838, 53.3176, 37.6833



55.4838, -60.8774, 31.9483



55.4838, -43.0957, -131.5072

Rectangle

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



55.4828, 96.9456, -64.3147



55.4838, 112.0133, 23.7558



55.4838, -60.8774, 31.9483



55.4838, -65.4686, -31.1976

Sweetspot

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



55.4838, 96.9423, -64.3128



81.8262, 28.0242, -17.4565



32.0825, 58.4708, -154.0470



36.7319, 15.3145, -9.6835

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.4838, 96.9423, -64.3128



53.5018, 103.9103, -68.9381



50.9204, 79.7643, -2.3203



42.7771, 3.5414, -1.6161



38.5230, 75.6577, -50.1907



12.0226, 23.6148, -15.6871

Inverse Universe

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



55.4838, 96.9423, -64.3128



53.5018, 103.9103, -68.9381



86.3274, -62.4176, 31.4018



42.7771, 3.5414, -1.6161



38.5230, 75.6577, -50.1907



12.0226, 23.6148, -15.6871

Previews

White Background



This preview shows how the HunterLab color 55.4828, 96.9456, -64.3147 looks on a white background.

Color Contrast Check

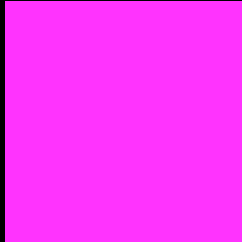
Large Text (above 18pt) WCAG AA × Fail

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 55.4828, 96.9456, -64.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

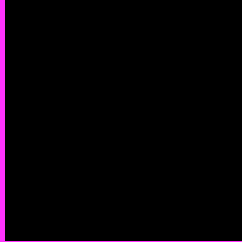
Any Text WCAG AA ✓ Pass

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 55.4828, 96.9456, -64.3147 Background



This preview shows how black text looks on a background with the HunterLab color 55.4828, 96.9456, -64.3147.



This preview shows how white text looks on a background with the HunterLab color 55.4828, 96.9456, -64.3147.

-64.3147.

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

55.4828, 96.9456, -64.3147

Protanopia

55.8790, 11.2029, -65.7544

Deuteranopia

55.7977, 4.8849, -53.1300



Tritanopia

55.2161, 46.8809, 17.4283

Trichromacy



Original Color

55.4828, 96.9456, -64.3147



Protanomaly

51.2829, 42.7150, -77.0313



Deuteranomaly

50.9136, 38.2455, -68.5563



Tritanomaly

53.8350, 64.7672, -5.4253

Monochromacy



Original Color

55.4828, 96.9456, -64.3147



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

47.6431, 34.9295, -22.4470

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4828, 96.9456, -64.3147 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, 51, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 254)  
}
```

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, 51, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 254) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4828, 96.9456, -64.3147 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, 51, 254) }
```


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

```
.border{ border-color:rgb(255, 51, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 51, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 51, 254); box-shadow:4px 4px 4px 4px rgb(255, 51, 254) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4828, 96.9456, -64.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 254) }
```

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

```
.background{ background-color: rgb(255, 51,  
254) }
```

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