

Converting Colors

HunterLab(53.0021, 84.0366,
-62.3518)

Have a look what the booklet for
HunterLab(53.0021, 84.0366,
-62.3518) contains.

HunterLab(52.8975, 84.1202, -62.7579)	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(52.8975, 84.1202,
-62.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	EA42F5
RGB	234, 66, 245
RGB Percent	92%, 26%, 96%
CMY	0.0823, 0.7411, 0.0392
CMYK	0.04, 0.73, 0.00, 0.04
HSL	296°, 90%, 61%
HSV	296°, 73%, 96%
XYZ	52.3614, 27.9815, 89.0275
YIQ	136.6380, 42.6690, 91.2850

Conversions

Conversions Part 2

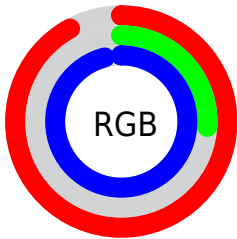
Format	Color
R_{YB}	234, 66, 245
Decimal	15352565
CIE _{Lab}	59.87, 82.85, -56.20
CIE _{LCh}	60, 100.113, 325.847
Yxy	27.9827, 0.3092, 0.1652
Android (android.graphics.Color)	4293542645 (0xFFEA42F5)
YUV	136.6380, 53.4225, 85.3865
Hunter-Lab	52.8975, 84.1202, -62.7579

Details

The HunterLab color **52.8975, 84.1202, -62.7579** 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 **82.0223, -63.6771, 45.7004**, and the grayscale version is **49.6565, -2.6495, 2.6979**.

A 20% lighter version of the original color is **66.4684, 63.9845, -42.3127**, and **35.5380, 71.0764, -56.2325** is the 20% darker color. If you saturate the color by 10%, you get **50.4508, 91.2067, -68.8377**, and if you desaturate by 10%, it is **56.3379, 74.4321, -54.8951**.

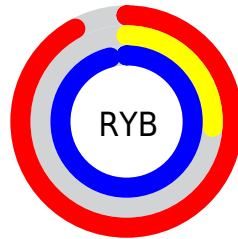
Distribution



Red (92%)

Green (26%)

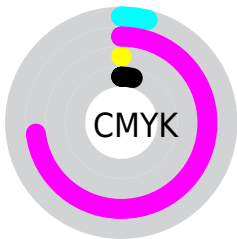
Blue (96%)



Red (92%)

Yellow (26%)

Blue (96%)

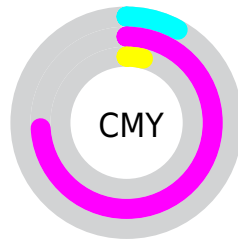


Cyan (4%)

Magenta (73%)

Yellow (0%)

Black (4%)



Cyan (8%)

Magenta (74%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8975, 84.1202, -62.7579 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 52.8975, 84.1202, -62.7579 by changing the saturation by 10% instead.

52.8975, 84.1202,
-62.7579

52.8975, 84.1202,
-62.7579

170.9925,
103.8521, -69.4009

42.7932, 81.6139,
-62.3267

75.1378, 89.0551,
-64.1180

33.4285, 79.1882,
-62.2748

87.1950, 91.4245,
-64.9002

24.8685, 77.0309,
-62.9529

99.8360, 93.7111,
-65.6978

17.1975, 75.5965,
-65.1623

113.0349, 95.9108,
-66.4900

10.5338, 76.1820,
-71.1142

126.7691, 98.0232,
-67.2634

0.0000, INF, -NF

0.0000, NaN, -NF

141.0184,

100.0493, -68.0097

0.0000, NaN, -NF

155.7650,
101.9914, -68.7234

■ 52.8975, 84.1202,
-62.7579

■ 52.8975, 84.1202,
-62.7579

■ 50.4508, 91.2067,
-68.8377

■ 56.3379, 74.4321,
-54.8951

■ 48.9706, 95.2203,
-72.7483

■ 60.7146, 62.9234,
-45.8460

■ 48.3804, 96.4791,
-74.3657

■ 65.9335, 50.3610,
-36.1726

■ 71.8859, 37.3435,
-26.3003

■ 78.4670, 24.2651,
-16.4984

85.5840, 11.3503,
-6.9109

93.1588, -1.2932,
2.4015

98.8502, -9.9934,
8.9217

98.9884, -9.5064,
9.0877

Harmonies

Analogous

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



52.8987, 38.1164, -127.4346



52.8975, 84.1202, -62.7579



52.8987, 107.0301, -3.1186

Triad

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



52.8987, 84.1180, -62.7555



52.8987, 3.2763, 36.7642



52.8987, -58.4417, -43.9757

Complementary

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



52.8975, 84.1202, -62.7579



82.0223, -63.6771, 45.7004

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.



52.8987, -62.4851, 8.2482



52.8975, 84.1202, -62.7579



52.8987, -34.1760, 36.0000

Square

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



52.8987, 84.1180, -62.7555



52.8987, 51.8524, 35.3454



52.8987, -55.2120, 30.6927



52.8987, -41.5996, -111.7686

Rectangle

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



52.8975, 84.1202, -62.7579



52.8987, 102.1025, 20.1268



52.8987, -55.2120, 30.6927



52.8987, -61.0558, -23.3166

Sweetspot

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



52.8987, 84.1180, -62.7555



82.8450, 24.0163, -16.2392



36.3201, 41.8538, -117.9071



37.4274, 12.8251, -8.7916

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.8987, 84.1180, -62.7555



51.8817, 98.0133, -74.4317



51.1040, 73.4082, -9.8865



40.8820, 3.1501, -1.6453



35.5418, 70.8587, -54.4926



10.6098, 21.1115, -15.9499

Inverse Universe

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



48.8322, 64.2124, 22.6880



47.3329, 76.2411, 27.4680



82.7431, -58.7224, 31.1740



40.6190, 1.6036, 3.1426



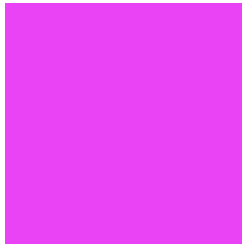
32.3776, 55.5254, 20.3185



9.6283, 16.5708, 5.5857

Previews

White Background



This preview shows how the HunterLab color 52.8975, 84.1202, -62.7579 looks on a white background.

Color Contrast Check

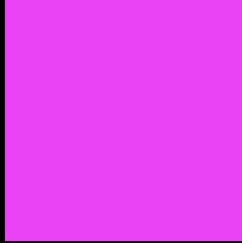
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8975, 84.1202, -62.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

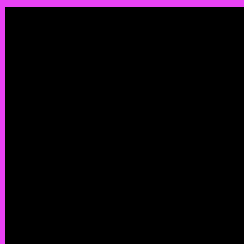
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 52.8975, 84.1202, -62.7579 Background



This preview shows how black text looks on a background with the HunterLab color 52.8975, 84.1202, -62.7579.



This preview shows how white text looks on a background with the HunterLab color 52.8975, 84.1202, -62.7579.

-62.7579.

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

52.8975, 84.1202, -62.7579

Protanopia

53.2856, 12.9233, -72.2078

Deuteranopia

53.3004, 4.6710, -52.8286



Tritanopia

52.6886, 37.3038, 13.4801

Trichromacy



Original Color

52.8975, 84.1202, -62.7579



Protanomaly

49.7498, 37.0280, -77.4645



Deuteranomaly

49.5323, 32.3599, -64.8162



Tritanomaly

51.7188, 53.1522, -8.0091

Monochromacy



Original Color

52.8975, 84.1202, -62.7579



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

48.2433, 28.5507, -20.2524

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.8975, 84.1202, -62.7579 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(234, 66, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 66, 245)  
}
```

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(234, 66, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 66, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 52.8975, 84.1202, -62.7579 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(234, 66, 245) }
```


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

```
.border{ border-color:rgb(234, 66, 245) }
```

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

Here you see how a box with a 4 pixel rgb(234, 66, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 66, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 66, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 66,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.8975, 84.1202, -62.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 66, 245) }
```

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

```
.background{ background-color: rgb(234, 66,  
245) }
```

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