

Converting Colors

HunterLab(52.5496, 86.0001,
-25.0579)

Have a look what the booklet for
HunterLab(52.5496, 86.0001,
-25.0579) contains.

HunterLab(52.5482, 85.9950, -25.0393)	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(52.5482, 85.9950,
-25.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33C4
RGB	255, 51, 196
RGB Percent	100%, 20%, 77%
CMY	0.0000, 0.7999, 0.2314
CMYK	0.00, 0.80, 0.23, 0.00
HSL	317°, 100%, 60%
HSV	317°, 80%, 100%
XYZ	52.3876, 27.6131, 54.7932
YIQ	128.5260, 75.0390, 88.3430

Conversions

Conversions Part 2

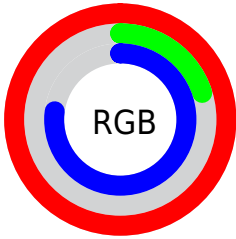
Format	Color
R _Y B	255, 51, 196
Decimal	16724932
CIE Lab	59.54, 84.36, -28.84
CIE LCh	60, 89.150, 341.124
Yxy	27.6145, 0.3886, 0.2049
Android (android.graphics.Color)	4294915012 (0xFFFF33C4)
YUV	128.5260, 33.2647, 110.9177
Hunter-Lab	52.5482, 85.9950, -25.0393

Details

The HunterLab color **52.5482, 85.9950, -25.0393** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85.6448, -66.6332, 41.3921**, and the grayscale version is **46.5232, -2.4824, 2.5277**.

A 20% lighter version of the original color is **64.6412, 68.2635, -44.2090**, and **36.4561, 67.7891, -17.9692** is the 20% darker color. If you saturate the color by 10%, you get **50.6314, 90.2900, -23.3482**, and if you desaturate by 10%, it is **55.5247, 78.6306, -24.9918**.

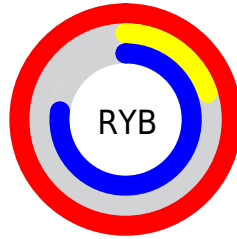
Distribution



Red (100%)

Green (20%)

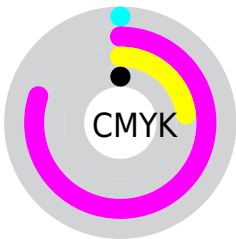
Blue (77%)



Red (100%)

Yellow (20%)

Blue (77%)

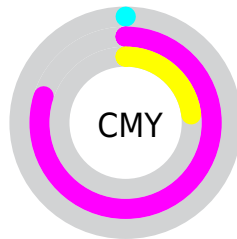


Cyan (0%)

Magenta (80%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.5482, 85.9950, -25.0393 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 52.5482, 85.9950, -25.0393 by changing the saturation by 10% instead.

52.5482, 85.9950,
-25.0393

52.5482, 85.9950,
-25.0393

170.4759,
106.0801, -27.5701

42.4680, 83.4690,
-24.4961

74.7452, 90.9910,
-25.9754

33.1290, 81.0441,
-23.9276

86.7824, 93.3987,
-26.3623

24.5972, 78.9232,
-23.3760

99.4043, 95.7258,
-26.6936

16.9578, 77.6020,
-22.9546

112.5849, 97.9674,
-26.9705

10.3304, 78.5021,
-23.0008

126.3016,
100.1224, -27.1946

0.0000, INF, -NF

0.0000, NaN, NaN

140.5340,

102.1915, -27.3680

0.0000, NaN, NaN

155.2642,
104.1765, -27.4925

■ 52.5482, 85.9950,
-25.0393

■ 52.5482, 85.9950,
-25.0393

■ 50.6314, 90.2900,
-23.3482

■ 55.5247, 78.6306,
-24.9918

■ 49.6052, 91.6947,
-20.2397

■ 59.5453, 68.8228,
-23.3048

■ 49.6047, 91.6952,
-20.2378

■ 64.5296, 57.3796,
-20.2565

■ 70.3641, 45.0350,
-16.1798

■ 76.9301, 32.3255,
-11.3735

84.1185, 19.5872,
-6.0684

91.8359, 7.0033,
-0.4283

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.



52.5495, 54.5517, -81.3273



52.5482, 85.9950, -25.0393



52.5495, 90.0843, 14.6039

Triad

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



52.5495, 85.9909, -25.0374



52.5495, -16.2023, 35.5837



52.5495, -47.3765, -66.6792

Complementary

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



52.5482, 85.9950, -25.0393



85.6448, -66.6332, 41.3921

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.



52.5495, -57.0875, -12.4330



52.5482, 85.9950, -25.0393



52.5495, -42.8185, 32.9296

Square

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



52.5495, 85.9909, -25.0374



52.5495, 23.0466, 35.3013



52.5495, -55.6988, 20.7758



52.5495, -24.4626, -114.9701

Rectangle

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



52.5482, 85.9950, -25.0393



52.5495, 75.7268, 27.6313



52.5495, -55.6988, 20.7758



52.5495, -51.9518, -47.3915

Sweetspot

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



52.5495, 85.9909, -25.0374



81.1705, 24.6790, -8.2416



35.8165, 64.4958, -133.4131



36.3751, 13.5196, -4.6831

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.5495, 85.9909, -25.0374



49.9503, 91.3466, -21.5755



49.4561, 74.0629, 18.7314



42.6679, 2.9576, -0.0674



35.8950, 66.4180, -15.1519



11.2849, 21.0259, -5.8874

Inverse Universe

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



52.5495, 85.9909, -25.0374



49.9503, 91.3466, -21.5755



87.7026, -54.0370, 11.5206



42.6679, 2.9576, -0.0674



35.8950, 66.4180, -15.1519



11.2849, 21.0259, -5.8874

Previews

White Background



This preview shows how the HunterLab color 52.5482, 85.9950, -25.0393 looks on a white background.

Color Contrast Check

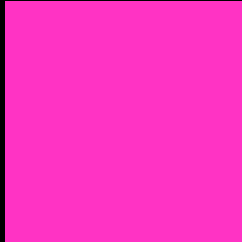
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5482, 85.9950, -25.0393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

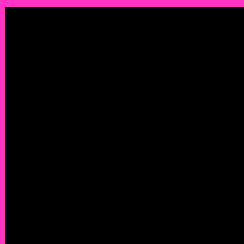
Any Text WCAG AA ✓ Pass

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 52.5482, 85.9950, -25.0393 Background



This preview shows how black text looks on a background with the HunterLab color 52.5482, 85.9950, -25.0393.



This preview shows how white text looks on a background with the HunterLab color 52.5482, 85.9950, -25.0393.

-25.0393.

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

52.5482, 85.9950, -25.0393

Protanopia

53.0094, 13.4655, -72.9169

Deuteranopia

52.7132, 4.0406, -19.0732



Tritanopia

52.4823, 57.2054, 21.6416

Trichromacy



Original Color

52.5482, 85.9950, -25.0393



Protanomaly

48.0158, 37.1943, -65.8810



Deuteranomaly

48.9724, 35.0844, -27.4964



Tritanomaly

51.9306, 67.1322, 9.0626

Monochromacy



Original Color

52.5482, 85.9950, -25.0393



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

45.5206, 30.4596, -10.6703

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.5482, 85.9950, -25.0393 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 52.5482, 85.9950, -25.0393 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, 196) }
```


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

```
.border{ border-color:rgb(255, 51, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.5482, 85.9950, -25.0393 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, 196) }
```

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

```
.background{ background-color: rgb(255, 51,  
196) }
```

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