

Converting Colors

HunterLab(51.4177, 74.4694,
-33.6443)

Have a look what the booklet for
HunterLab(51.4177, 74.4694,
-33.6443) contains.

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Color

**HunterLab(51.4298, 74.7562,
-33.5853)**

Conversions

Conversions Part 1

Format	Color
Hex	EB46CD
RGB	235, 70, 205
RGB Percent	92%, 27%, 80%
CMY	0.0784, 0.7255, 0.1961
CMYK	0.00, 0.70, 0.13, 0.08
HSL	311°, 80%, 60%
HSV	311°, 70%, 92%
XYZ	47.4705, 26.4502, 60.3610
YIQ	134.7250, 55.0050, 76.9650

Conversions

Conversions Part 2

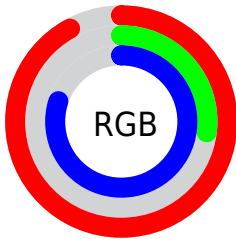
Format	Color
RYB	235, 70, 205
Decimal	15419085
CIELab	58.46, 75.74, -35.91
CIELCh	58, 83.826, 334.633
Yxy	26.4515, 0.3535, 0.1970
Android (android.graphics.Color)	4293609165 (0xFFEB46CD)
YUV	134.7250, 34.6456, 87.9412
Hunter-Lab	51.4298, 74.7562, -33.5853

Details

The HunterLab color $51.4298, 74.7562, -33.5853$ is a light color, and the websafe version is hex $FF33CC$. The color can be described as light muted magenta. A complement of this color would be $78.5111, -58.8752, 38.2407$, and the grayscale version is $48.9667, -2.6127, 2.6605$.

A 20% lighter version of the original color is $66.8675, 62.9203, -41.5818$, and $33.6392, 64.1539, -29.0048$ is the 20% darker color. If you saturate the color by 10%, you get $48.8472, 81.7680, -35.3369$, and if you desaturate by 10%, it is $54.9524, 65.4765, -30.2670$.

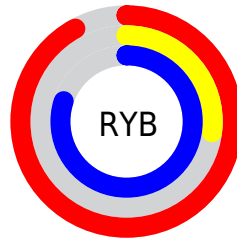
Distribution



Red (92%)

Green (27%)

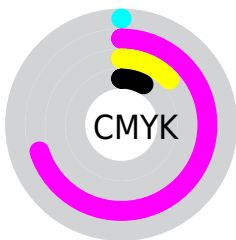
Blue (80%)



Red (92%)

Yellow (27%)

Blue (80%)

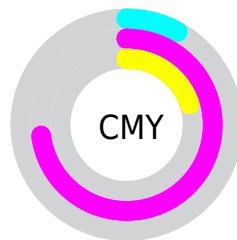


Cyan (0%)

Magenta (70%)

Yellow (13%)

Black (8%)



Cyan (8%)

Magenta (73%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4298, 74.7562, -33.5853 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 51.4298, 74.7562, -33.5853 by changing the saturation by 10% instead.

51.4298, 74.7562,
-33.5853

51.4298, 74.7562,
-33.5853

168.8170, 92.9494,
-37.6842

41.4267, 72.3569,
-32.9478

73.4864, 79.3992,
-34.8101

32.1712, 69.9927,
-32.3523

85.4590, 81.6024,
-35.3669

23.7309, 67.8193,
-31.8994

98.0193, 83.7153,
-35.8766

16.1937, 66.2322,
-31.8378

111.1410, 85.7368,
-36.3369

9.6846, 66.4148,
-32.8996

124.8010, 87.6682,
-36.7472

0.0000, INF, -NF

0.0000, NaN, NaN

138.9789, 89.5120,

-37.1078

0.0000, NaN, NaN

153.6564, 91.2712,
-37.4198

■ 51.4298, 74.7562,
-33.5853

■ 51.4298, 74.7562,
-33.5853

■ 48.8472, 81.7680,
-35.3369

■ 54.9524, 65.4765,
-30.2670

■ 47.2035, 85.9861,
-35.3459


■ 59.3455, 54.6669,
-25.7304


■ 46.3466, 87.6072,
-33.9053


■ 64.5137, 43.0000,
-20.3394


■ 70.3530, 30.9809,
-14.4014

■ 76.7662, 18.9332,
-8.1402

 83.6688, 7.0374,
-1.7042

 90.9898, -4.6223,
4.8154

 97.6858, -14.4824,
10.2892

 97.8167, -13.7536,
8.4170

Harmonies

Analogous

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



51.4311, 42.1594, -84.6091



51.4298, 74.7562, -33.5853



51.4311, 84.6748, 7.7804

Triad

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



51.4311, 74.7531, -33.5833



51.4311, -8.1534, 34.5878



51.4311, -47.7776, -49.5726

Complementary

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



51.4298, 74.7562, -33.5853



78.5111, -58.8752, 38.2407

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.



51.4311, -54.6909, -2.7354



51.4298, 74.7562, -33.5853



51.4311, -36.1194, 32.7113

Square

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



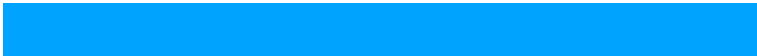
51.4311, 74.7531, -33.5833



51.4311, 29.9420, 33.7129



51.4311, -51.0907, 23.5948



51.4311, -28.8816, -97.4531

Rectangle

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



51.4298, 74.7562, -33.5853



51.4311, 75.3194, 23.1988



51.4311, -51.0907, 23.5948



51.4311, -51.3064, -32.3536

Sweetspot

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



51.4311, 74.7531, -33.5833



83.5775, 21.9360, -9.5478



35.9847, 47.0010, -106.5050



37.7436, 11.8415, -5.3078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4311, 74.7531, -33.5833



52.7187, 92.0278, -39.0071



48.5021, 62.8981, 7.2679



39.0692, 2.8588, -0.5666



34.6006, 65.4457, -25.6344



9.7587, 18.5611, -8.0275

Inverse Universe

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



51.4311, 74.7531, -33.5833



52.7187, 92.0278, -39.0071



80.0094, -49.7203, 16.4315



39.0692, 2.8588, -0.5666



34.6006, 65.4457, -25.6344



9.7587, 18.5611, -8.0275

Previews

White Background



This preview shows how the HunterLab color 51.4298, 74.7562, -33.5853 looks on a white background.

Color Contrast Check

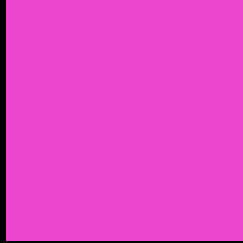
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4298, 74.7562, -33.5853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

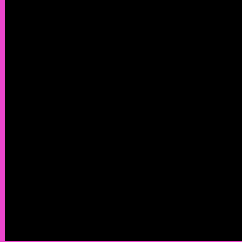
Any Text WCAG AA ✓ Pass

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 51.4298, 74.7562, -33.5853 Background



This preview shows how black text looks on a background with the HunterLab color 51.4298, 74.7562, -33.5853.



This preview shows how white text looks on a background with the HunterLab color 51.4298, 74.7562, -33.5853.

-33.5853.

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

51.4298, 74.7562, -33.5853

Protanopia

51.9137, 14.2386, -75.8121

Deuteranopia

51.5910, 4.0027, -27.4743



Tritanopia

51.1697, 43.9269, 16.1823

Trichromacy



Original Color

51.4298, 74.7562, -33.5853



Protanomaly

48.2990, 32.5293, -68.0220



Deuteranomaly

49.0415, 29.3252, -34.5919



Tritanomaly

50.7799, 54.7069, 1.9064

Monochromacy



Original Color

51.4298, 74.7562, -33.5853



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

47.5025, 25.1832, -11.7987

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4298, 74.7562, -33.5853 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(235, 70, 205)` looks like.

```
.text, #text, p{  
    color:rgb(235, 70, 205)  
}
```

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(235, 70, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 70, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4298, 74.7562, -33.5853 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(235, 70, 205) }
```


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

```
.border{ border-color:rgb(235, 70, 205) }
```

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

Here you see how a box with a 4 pixel rgb(235, 70, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 70, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 70, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 70,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4298, 74.7562, -33.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 70, 205) }
```

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

```
.background{ background-color: rgb(235, 70,  
205) }
```

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](#).

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