

Converting Colors

HunterLab(50.4485, 88.6406,
-78.5505)

Have a look what the booklet for
HunterLab(50.4485, 88.6406,
-78.5505) contains.

HunterLab(50.4331, 88.6184, -78.5945)	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(50.4331, 88.6184,
-78.5945)**

Conversions

Conversions Part 1

Format	Color
Hex	E033FF
RGB	224, 51, 255
RGB Percent	88%, 20%, 100%
CMY	0.1216, 0.8000, 0.0000
CMYK	0.12, 0.80, 0.00, 0.00
HSL	291°, 100%, 60%
HSV	291°, 80%, 100%
XYZ	49.9743, 25.4350, 96.8833
YIQ	125.9830, 37.6240, 100.1200

Conversions

Conversions Part 2

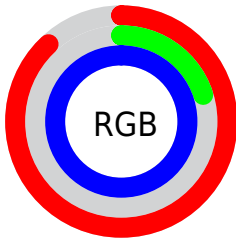
Format	Color
R _Y B	224, 51, 255
Decimal	14693375
CIE Lab	57.50, 86.76, -65.64
CIE LCh	57, 108.796, 322.888
Yxy	25.4360, 0.2901, 0.1476
Android (android.graphics.Color)	4292883455 (0xFFE033FF)
YUV	125.9830, 63.6054, 85.9609
Hunter-Lab	50.4331, 88.6184, -78.5945

Details

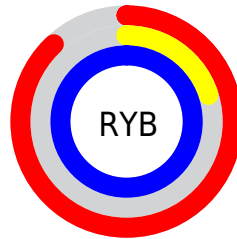
The HunterLab color **50.4331, 88.6184, -78.5945** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **85.7631, -67.1704, 49.5051**, and the grayscale version is **45.4206, -2.4235, 2.4678**.

A 20% lighter version of the original color is **64.3715, 69.7236, -46.2534**, and **34.5308, 70.8089, -68.1814** is the 20% darker color. If you saturate the color by 10%, you get **48.1381, 93.6071, -85.2239**, and if you desaturate by 10%, it is **53.7895, 80.5060, -69.7282**.

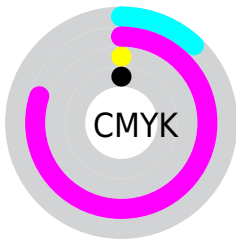
Distribution



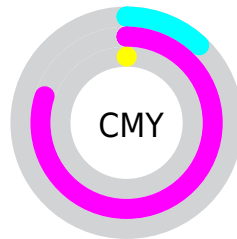
- Red (88%)
- Green (20%)
- Blue (100%)



- Red (88%)
- Yellow (20%)
- Blue (100%)



- Cyan (12%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 50.4331, 88.6184, -78.5945 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 50.4331, 88.6184, -78.5945 by changing the saturation by 10% instead.


 50.4331, 88.6184,
-78.5945


 50.4331, 88.6184,
-78.5945


167.3327,
109.3523, -85.2976


 40.4996, 86.0817,
-78.6631


 72.3628, 93.7200,
-79.5250

 31.3196, 83.7010,
-79.4757


 84.2771, 96.1974,
-80.2537

 22.9622, 81.7420,
-81.6892

 96.7819, 98.5997,
-81.0614

 15.5181, 80.8612,
-86.8511

 109.8505,
100.9195, -81.9090

 9.1107, 83.1145,
-99.5869

 123.4594,
103.1542, -82.7709

0.0000, INF, -NF

137.5881,

0.0000, NaN, -NF

105.3036, -83.6300

0.0000, NaN, -NF

152.2181,
107.3689, -84.4749

■ 50.4331, 88.6184,
-78.5945

■ 50.4331, 88.6184,
-78.5945

■ 48.1381, 93.6071,
-85.2239

■ 53.7895, 80.5060,
-69.7282

■ 46.7521, 95.5062,
-89.4990

■ 58.1710, 70.0403,
-59.3568

■ 46.7518, 95.5066,
-89.5002

■ 63.4818, 58.1045,
-48.2263

■ 69.6012, 45.4332,
-36.9086

■ 76.4101, 32.5268,
-25.7574

■ 83.8030, 19.6789,
-14.9508

■ 91.6912, 7.0374,
-4.5530

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.



50.4341, 36.3760, -151.7301



50.4331, 88.6184, -78.5945



50.4341, 117.9800, -8.7801

Triad

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



50.4341, 88.6166, -78.5915



50.4341, 8.6914, 35.3039



50.4341, -60.9233, -41.9735

Complementary

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



50.4331, 88.6184, -78.5945



85.7631, -67.1704, 49.5051

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.



50.4341, -63.7468, 12.0634



50.4331, 88.6184, -78.5945



50.4341, -32.6045, 35.3039

Square

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



50.4341, 88.6166, -78.5915



50.4341, 62.2801, 34.2869



50.4341, -55.4988, 31.6586



50.4341, -45.6241, -120.3650

Rectangle

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



50.4331, 88.6184, -78.5945



50.4341, 115.2194, 18.0966



50.4341, -55.4988, 31.6586



50.4341, -63.0703, -19.7698

Sweetspot

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



50.4341, 88.6166, -78.5915



80.7795, 24.8030, -19.2294



37.9764, 40.0718, -123.6025



36.1601, 13.5957, -10.6832

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4341, 88.6166, -78.5915



47.2401, 94.9786, -87.9683



52.1693, 84.5516, -19.8058



42.6056, 2.9709, -1.8745



33.8729, 69.1456, -64.4457



10.7393, 21.8117, -19.5738

Inverse Universe

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



49.2317, 73.1850, 22.0027



46.5724, 78.9824, 26.6028



85.7648, -65.8890, 39.6280



42.4642, 1.8637, 2.8350



33.4631, 57.5727, 19.5611



10.5017, 18.1866, 5.2190

Previews

White Background



This preview shows how the HunterLab color 50.4331, 88.6184, -78.5945 looks on a white background.

Color Contrast Check

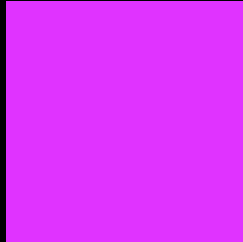
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4331, 88.6184, -78.5945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

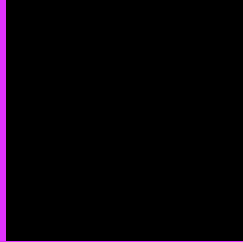
Any Text WCAG AA ✓ Pass

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 50.4331, 88.6184, -78.5945 Background



This preview shows how black text looks on a background with the HunterLab color 50.4331, 88.6184, -78.5945.



This preview shows how white text looks on a background with the HunterLab color 50.4331, 88.6184,

-78.5945.

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

50.4331, 88.6184, -78.5945

Protanopia

50.9939, 14.1560, -78.3292

Deuteranopia

50.8302, 4.7090, -65.6657



Tritanopia

50.1078, 33.3183, 11.9086

Trichromacy



Original Color

50.4331, 88.6184, -78.5945



Protanomaly

46.6774, 40.8915, -90.6934



Deuteranomaly

45.8517, 32.9183, -83.9123



Tritanomaly

48.7366, 53.2425, -13.5124

Monochromacy



Original Color

50.4331, 88.6184, -78.5945



Achromatopsia

45.6768, -2.4372, 2.4817



Achromatomaly

44.2969, 30.8972, -25.0800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4331, 88.6184, -78.5945 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(224, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 51, 255)  
}
```

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(224, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 51, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4331, 88.6184, -78.5945 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(224, 51, 255) }
```


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

```
.border{ border-color:rgb(224, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 51,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4331, 88.6184, -78.5945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 51, 255) }
```

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

```
.background{ background-color: rgb(224, 51,  
255) }
```

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