

Converting Colors

HunterLab(48.0251, 94.6857,
-65.4090)

Have a look what the booklet for
HunterLab(48.0251, 94.6857,
-65.4090) contains.

HunterLab(48.1186, 94.8695, -65.5335)	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(48.1186, 94.8695,
-65.5335)**

Conversions

Conversions Part 1

Format	Color
Hex	E800EB
RGB	232, 0, 235
RGB Percent	91%, 0%, 92%
CMY	0.0902, 0.9999, 0.0784
CMYK	0.01, 1.00, 0.00, 0.08
HSL	299°, 100%, 46%
HSV	299°, 100%, 92%
XYZ	48.2742, 23.1540, 80.5222
YIQ	96.1580, 62.8370, 122.2690

Conversions

Conversions Part 2

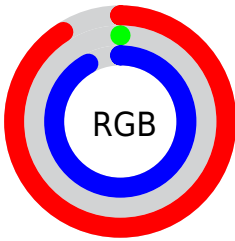
Format	Color
R _Y B	232, 0, 235
Decimal	15204587
CIE Lab	55.23, 91.90, -58.05
CIE LCh	55, 108.697, 327.721
Yxy	23.1551, 0.3177, 0.1524
Android (android.graphics.Color)	4293394667 (0xFFE800EB)
YUV	96.1580, 68.4491, 119.1334
Hunter-Lab	48.1186, 94.8695, -65.5335

Details

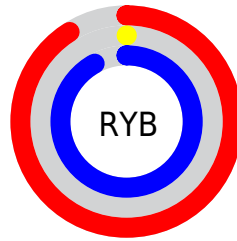
The HunterLab color **48.1186, 94.8695, -65.5335** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **77.0952, -66.0434, 46.3487**, and the grayscale version is **34.0041, -1.8144, 1.8475**.

A 20% lighter version of the original color is **61.3142, 78.5741, -52.3273**, and **34.4562, 68.3358, -50.0485** is the 20% darker color. If you saturate the color by 10%, you get **48.1188, 94.8699, -65.5333**, and if you desaturate by 10%, it is **48.8250, 92.5601, -63.7378**.

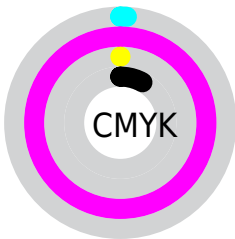
Distribution



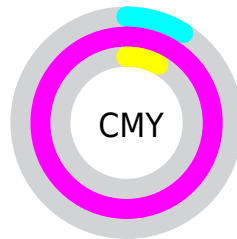
- Red (91%)
- Green (0%)
- Blue (92%)



- Red (91%)
- Yellow (0%)
- Blue (92%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)





- Cyan (9%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.1186, 94.8695, -65.5335 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 48.1186, 94.8695, -65.5335 by changing the saturation by 10% instead.


 48.1186, 94.8695,
-65.5335


 48.1186, 94.8695,
-65.5335


163.8659,
116.7634, -72.1543


 38.3511, 92.3302,
-65.3253


 69.7480, 100.1348,
-66.7152

 29.3509, 90.0627,
-65.6879


 81.5244, 102.7337,
-67.4760


 21.1914, 88.4511,
-67.1749

 93.8979, 105.2705,
-68.2764

 13.9703, 88.4708,
-71.1497

 106.8408,
107.7327, -69.0873

 7.6104, 96.7238,
-84.5992

 120.3292,
110.1144, -69.8905

0.0000, INF, -NF

134.3418,

0.0000, NaN, -NF

112.4133, -70.6741

0.0000, NaN, NaN

148.8597,
114.6292, -71.4304

■ 48.1186, 94.8695,
-65.5335

■ 48.1186, 94.8695,
-65.5335

■ 48.1188, 94.8699,
-65.5333

■ 48.8250, 92.5601,
-63.7378

■ 50.2900, 87.6453,
-60.1409

■ 52.6811, 79.9053,
-54.5970

■ 56.0069, 69.8579,
-47.4709

■ 60.2116, 58.2361,
-39.2730

■ 65.2055, 45.7390,
-30.4871

■ 70.8881, 32.9014,
-21.4813

■ 77.1627, 20.0720,
-12.4939

■ 83.9436, 7.4469,
-3.6581

Harmonies

Analogous

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



48.1197, 44.7688, -142.5414



48.1186, 94.8695, -65.5335



48.1197, 118.3296, -0.7781

Triad

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



48.1197, 94.8670, -65.5310



48.1197, 0.9273, 33.6838



48.1197, -57.7837, -53.7111

Complementary

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



48.1186, 94.8695, -65.5335



77.0952, -66.0434, 46.3487

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.



48.1197, -62.1744, 5.7857



48.1186, 94.8695, -65.5335



48.1197, -36.6254, 33.6838

Square

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



48.1197, 94.8670, -65.5310



48.1197, 53.0421, 33.3970



48.1197, -56.1244, 29.1284



48.1197, -40.6727, -132.3112

Rectangle

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



48.1186, 94.8695, -65.5335



48.1197, 111.0060, 21.5688



48.1197, -56.1244, 29.1284



48.1197, -60.4413, -29.8566

Sweetspot

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



48.1197, 94.8670, -65.5310



77.6759, 36.3072, -23.7150



24.6662, 65.6643, -172.5757



34.6774, 19.5645, -12.9119

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.1197, 94.8670, -65.5310



52.7901, 104.0811, -71.9054



43.6511, 77.9361, 3.5019



39.1196, 3.1547, -1.4870



35.9039, 70.7840, -48.8720



10.0767, 19.8580, -13.6534

Inverse Universe

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



42.0353, 71.9978, 27.0395



46.1163, 78.9910, 29.6794



77.8608, -61.2358, 34.8730



38.8036, 1.4323, 3.2176



31.3606, 53.7221, 20.1393



8.7942, 15.0773, 5.5506

Previews

White Background



This preview shows how the HunterLab color 48.1186, 94.8695, -65.5335 looks on a white background.

Color Contrast Check

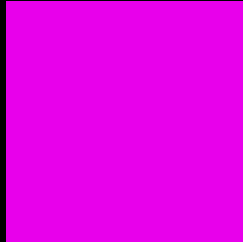
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1186, 94.8695, -65.5335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

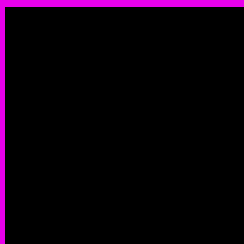
Any Text WCAG AA ✓ Pass

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 48.1186, 94.8695, -65.5335 Background



This preview shows how black text looks on a background with the HunterLab color 48.1186, 94.8695, -65.5335.



This preview shows how white text looks on a background with the HunterLab color 48.1186, 94.8695, -65.5335.

-65.5335.

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

48.1186, 94.8695, -65.5335

Protanopia

49.1385, 15.3427, -83.6052

Deuteranopia

48.7926, 4.4500, -52.9802



Tritanopia

48.2575, 43.7056, 16.3042

Trichromacy



Original Color

48.1186, 94.8695, -65.5335

Protanomaly

41.4425, 48.9592, -100.6586

Deuteranomaly

41.2002, 43.3560, -77.3970

Tritanomaly

45.6022, 65.1555, -7.1859

Monochromacy



Original Color

48.1186, 94.8695, -65.5335

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.8583, 38.8715, -26.7938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1186, 94.8695, -65.5335 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(232, 0, 235)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 235)  
}
```

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(232, 0, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1186, 94.8695, -65.5335 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(232, 0, 235) }
```


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

```
.border{ border-color:rgb(232, 0, 235) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 0,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1186, 94.8695, -65.5335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 235) }
```

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

```
.background{ background-color: rgb(232, 0,  
235) }
```

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