

Converting Colors

HunterLab(50.6159, 95.2942,
-34.0597)

Have a look what the booklet for
HunterLab(50.6159, 95.2942,
-34.0597) contains.

HunterLab(50.6158, 95.2941, -34.0592)	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(50.6158, 95.2941,
-34.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00CC
RGB	255, 0, 204
RGB Percent	100%, 0%, 80%
CMY	0.0000, 0.9998, 0.2000
CMYK	0.00, 1.00, 0.20, 0.00
HSL	312°, 100%, 50%
HSV	312°, 100%, 100%
XYZ	52.1390, 25.6196, 59.3237
YIQ	99.5010, 86.4960, 117.5040

Conversions

Conversions Part 2

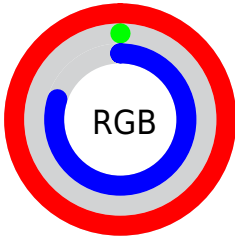
Format	Color
RYB	255, 0, 204
Decimal	16711884
CIELab	57.68, 91.74, -36.32
CIELCh	58, 98.668, 338.399
Yxy	25.6208, 0.3803, 0.1869
Android (android.graphics.Color)	4294901964 (0xFFFF00CC)
YUV	99.5010, 51.5180, 136.3726
Hunter-Lab	50.6158, 95.2941, -34.0592

Details

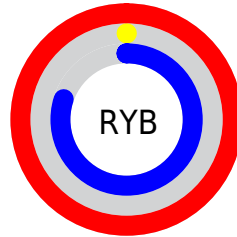
The HunterLab color **50.6158, 95.2941, -34.0592** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84.7112, -71.6294, 48.7481**, and the grayscale version is **35.3127, -1.8842, 1.9186**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **36.7524, 68.8436, -22.0183** is the 20% darker color. If you saturate the color by 10%, you get **50.6153, 95.2923, -34.0523**, and if you desaturate by 10%, it is **51.5633, 93.6561, -36.0238**.

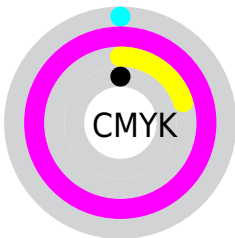
Distribution



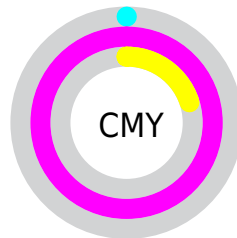
- Red (100%)
- Green (0%)
- Blue (80%)



- Red (100%)
- Yellow (0%)
- Blue (80%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6158, 95.2941, -34.0592 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 50.6158, 95.2941, -34.0592 by changing the saturation by 10% instead.

50.6158, 95.2941,
-34.0592

50.6158, 95.2941,
-34.0592

167.6054,
117.0258, -38.2676

40.6697, 92.7194,
-33.4202

72.5690, 100.5542,
-35.3008

31.4757, 90.3605,
-32.8337

84.4941, 103.1364,
-35.8693

23.1030, 88.5272,
-32.4109

97.0092, 105.6522,
-36.3917

15.6416, 87.9804,
-32.4298

110.0875,
108.0913, -36.8654

9.2180, 91.0223,
-33.7372

123.7058,
110.4490, -37.2893

0.0000, INF, -NF

0.0000, NaN, NaN

137.8436,

112.7235, -37.6637

0.0000, NaN, NaN

152.4823,
114.9154, -37.9894

■ 50.6158, 95.2941,
-34.0592

■ 50.6158, 95.2941,
-34.0592

■ 50.6153, 95.2923,
-34.0523

■ 51.5633, 93.6561,
-36.0238

■ 53.3834, 89.1128,
-36.3534

■ 56.2460, 81.4754,
-34.7809

■ 60.1476, 71.3384,
-31.4879

■ 65.0138, 59.5122,
-26.8375

■ 70.7361, 46.7448,
-21.2242

■ 77.1984, 33.5929,
-14.9821

■ 84.2928, 20.4109,
-8.3568

■ 91.9253, 7.3954,
-1.5124

Harmonies

Analogous

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



50.6170, 57.2274, -100.6184



50.6158, 95.2941, -34.0592



50.6170, 103.3167, 12.6630

Triad

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



50.6170, 95.2899, -34.0572



50.6170, -13.8726, 35.2820



50.6170, -51.4003, -71.0292

Complementary

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



50.6158, 95.2941, -34.0592



84.7112, -71.6294, 48.7481

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.



50.6170, -60.0446, -9.6762



50.6158, 95.2941, -34.0592



50.6170, -43.4444, 33.4748

Square

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



50.6170, 95.2899, -34.0572



50.6170, 30.2639, 34.8012



50.6170, -57.6980, 23.5356



50.6170, -28.9296, -131.4802

Rectangle

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



50.6158, 95.2941, -34.0592



50.6170, 88.7068, 27.2389



50.6170, -57.6980, 23.5356



50.6170, -55.6249, -48.4861

Sweetspot

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



50.6170, 95.2899, -34.0572



77.1838, 33.6213, -14.9960



28.1534, 73.8471, -180.5995



34.4101, 18.1294, -8.1825

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.6170, 95.2899, -34.0572



50.6153, 95.2923, -34.0523



46.6803, 81.0688, 21.3738



42.7018, 3.1388, -0.5480



36.6176, 68.9887, -25.0199



11.4918, 21.7597, -8.6951

Inverse Universe

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



50.6170, 95.2899, -34.0572



50.6153, 95.2923, -34.0523



86.4613, -60.7815, 23.1431



42.7018, 3.1388, -0.5480



36.6176, 68.9887, -25.0199



11.4918, 21.7597, -8.6951

Previews

White Background



This preview shows how the HunterLab color 50.6158, 95.2941, -34.0592 looks on a white background.

Color Contrast Check

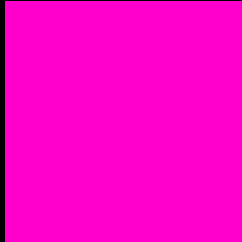
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6158, 95.2941, -34.0592 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 50.6158, 95.2941, -34.0592 Background



This preview shows how black text looks on a background with the HunterLab color 50.6158, 95.2941, -34.0592.



This preview shows how white text looks on a background with the HunterLab color 50.6158, 95.2941, -34.0592.

-34.0592.

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

50.6158, 95.2941, -34.0592

Protanopia

51.4690, 14.2451, -77.0196

Deuteranopia

51.2090, 3.8175, -25.4468



Tritanopia

50.7993, 59.2602, 22.3089

Trichromacy



Original Color

50.6158, 95.2941, -34.0592



Protanomaly

43.2576, 47.5819, -81.2806



Deuteranomaly

44.4248, 44.6730, -41.5432



Tritanomaly

49.0570, 74.7847, 6.8559

Monochromacy



Original Color

50.6158, 95.2941, -34.0592



Achromatopsia

35.6984, -1.9048, 1.9396



Achromatomaly

35.4538, 39.3107, -17.6759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6158, 95.2941, -34.0592 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, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 204)  
}
```

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, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6158, 95.2941, -34.0592 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, 0, 204) }
```


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

```
.border{ border-color:rgb(255, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6158, 95.2941, -34.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 204) }
```

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

```
.background{ background-color: rgb(255, 0,  
204) }
```

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