

Converting Colors

HunterLab(50.5680, 95.1049,
-33.3684)

Have a look what the booklet for
HunterLab(50.5680, 95.1049,
-33.3684) contains.

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Color

**HunterLab(50.5686, 95.1266,
-33.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00CB
RGB	255, 0, 203
RGB Percent	100%, 0%, 80%
CMY	0.0000, 0.9998, 0.2039
CMYK	0.00, 1.00, 0.20, 0.00
HSL	312°, 100%, 50%
HSV	312°, 100%, 100%
XYZ	52.0196, 25.5718, 58.6941
YIQ	99.3870, 86.8170, 117.1930

Conversions

Conversions Part 2

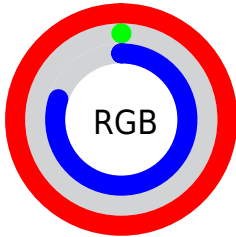
Format	Color
R_{YB}	255, 0, 203
Decimal	16711883
CIE _{Lab}	57.63, 91.62, -35.82
CIE _{LCh}	58, 98.377, 338.645
Yxy	25.5730, 0.3817, 0.1876
Android (android.graphics.Color)	4294901963 (0xFFFF00CB)
YUV	99.3870, 51.0812, 136.4726
Hunter-Lab	50.5686, 95.1266, -33.4188

Details

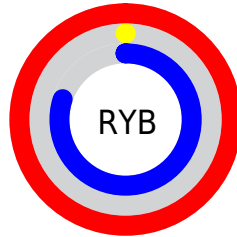
The HunterLab color **50.5686, 95.1266, -33.4188** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84.7165, -71.5963, 48.6701**, and the grayscale version is **35.2718, -1.8820, 1.9164**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **36.7091, 68.6898, -21.4286** is the 20% darker color. If you saturate the color by 10%, you get **50.5680, 95.1247, -33.4118**, and if you desaturate by 10%, it is **51.5202, 93.5002, -35.4404**.

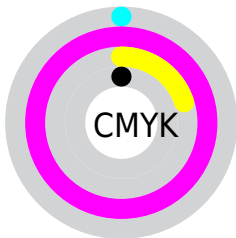
Distribution



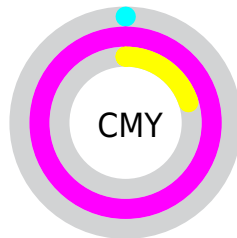
- Red (100%)
- Green (0%)
- Blue (80%)



- 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 50.5686, 95.1266, -33.4188 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 50.5686, 95.1266, -33.4188 by changing the saturation by 10% instead.

50.5686, 95.1266,
-33.4188

50.5686, 95.1266,
-33.4188

167.5350,
116.8380, -37.5335

40.6257, 92.5529,
-32.7830

72.5158, 100.3832,
-34.6457

31.4354, 90.1946,
-32.1938

84.4381, 102.9633,
-35.2044

23.0666, 88.3613,
-31.7584

96.9505, 105.4768,
-35.7162

15.6097, 87.8146,
-31.7444

110.0263,
107.9136, -36.1786

9.1904, 90.8720,
-32.9747

123.6422,
110.2688, -36.5910

0.0000, INF, -NF

0.0000, NaN, NaN

137.7776,

112.5409, -36.9536

0.0000, NaN, NaN

152.4141,
114.7302, -37.2674

■ 50.5686, 95.1266,
-33.4188

■ 50.5686, 95.1266,
-33.4188

■ 50.5680, 95.1247,
-33.4118

■ 51.5202, 93.5002,
-35.4404

■ 53.3452, 88.9687,
-35.8355

■ 56.2134, 81.3445,
-34.3351

■ 60.1207, 71.2230,
-31.1168

■ 64.9925, 59.4145,
-26.5403

70.7201, 46.6665,
-20.9972

77.1873, 33.5347,
-14.8203

84.2859, 20.3728,
-8.2544

91.9223, 7.3765,
-1.4637

Harmonies

Analogous

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



50.5698, 57.3918, -99.6409



50.5686, 95.1266, -33.4188



50.5698, 102.8189, 12.8839

Triad

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



50.5698, 95.1223, -33.4169



50.5698, -14.1439, 35.2266



50.5698, -51.1461, -71.2830

Complementary

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



50.5686, 95.1266, -33.4188



84.7165, -71.5963, 48.6701

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.



50.5698, -59.8757, -10.0365



50.5686, 95.1266, -33.4188



50.5698, -43.5034, 33.3907

Square

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



50.5698, 95.1223, -33.4169



50.5698, 29.7545, 34.7645



50.5698, -57.6202, 23.3245



50.5698, -28.5978, -131.2239

Rectangle

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



50.5686, 95.1266, -33.4188



50.5698, 88.0933, 27.2938



50.5698, -57.6202, 23.3245



50.5698, -55.3996, -48.8216

Sweetspot

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



50.5698, 95.1223, -33.4169



77.1723, 33.5638, -14.8344



28.1535, 73.8469, -180.5988



34.4038, 18.0988, -8.0953

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.5698, 95.1223, -33.4169



50.5680, 95.1247, -33.4118



46.6804, 81.0687, 21.3736



42.7003, 3.1308, -0.5268



36.5838, 68.8691, -24.5630



11.4822, 21.7259, -8.5662

Inverse Universe

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



50.5698, 95.1223, -33.4169



50.5680, 95.1247, -33.4118



86.4613, -60.7815, 23.1430



42.7003, 3.1308, -0.5268



36.5838, 68.8691, -24.5630



11.4822, 21.7259, -8.5662

Previews

White Background



This preview shows how the HunterLab color 50.5686, 95.1266, -33.4188 looks on a white background.

Color Contrast Check

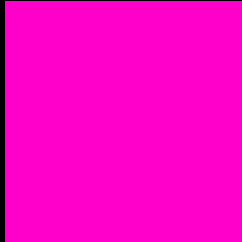
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5686, 95.1266, -33.4188 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 50.5686, 95.1266, -33.4188 Background



This preview shows how black text looks on a background with the HunterLab color 50.5686, 95.1266, -33.4188.



This preview shows how white text looks on a background with the HunterLab color 50.5686, 95.1266, -33.4188.

-33.4188.

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

50.5686, 95.1266, -33.4188

Protanopia

51.4690, 14.2451, -77.0196

Deuteranopia

51.1662, 3.5881, -24.8587



Tritanopia

50.7837, 59.1941, 22.5366

Trichromacy



Original Color

50.5686, 95.1266, -33.4188



Protanomaly

43.2576, 47.5819, -81.2806



Deuteranomaly

44.3737, 44.4469, -40.8643



Tritanomaly

49.0303, 74.6804, 7.2395

Monochromacy



Original Color

50.5686, 95.1266, -33.4188



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

35.2549, 39.5825, -17.3850

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5686, 95.1266, -33.4188 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5686, 95.1266, -33.4188 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, 203) }
```


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

```
.border{ border-color:rgb(255, 0, 203) }
```

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, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5686, 95.1266, -33.4188 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, 203) }
```

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

```
.background{ background-color: rgb(255, 0,  
203) }
```

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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