

Converting Colors

HunterLab(35.4021, 64.6503,
-8.3101)

Have a look what the booklet for
HunterLab(35.4021, 64.6503,
-8.3101) contains.

HunterLab(35.3644, 64.6063, -8.4941)	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(35.3644, 64.6063,
-8.4941)**

Conversions

Conversions Part 1

Format	Color
Hex	BF007B
RGB	191, 0, 123
RGB Percent	75%, 0%, 48%
CMY	0.2510, 0.9999, 0.5176
CMYK	0.00, 1.00, 0.36, 0.25
HSL	321°, 100%, 37%
HSV	321°, 100%, 75%
XYZ	25.0610, 12.5064, 19.8320
YIQ	71.1310, 74.3530, 78.7450

Conversions

Conversions Part 2

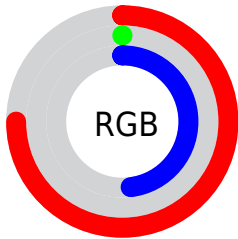
Format	Color
RYB	191, 0, 123
Decimal	12517499
CIELab	42.01, 70.57, -13.35
CIELCh	42, 71.825, 349.287
Yxy	12.5071, 0.4366, 0.2179
Android (android.graphics.Color)	4290707579 (0xFFBF007B)
YUV	71.1310, 25.5714, 105.1251
Hunter-Lab	35.3644, 64.6063, -8.4941

Details

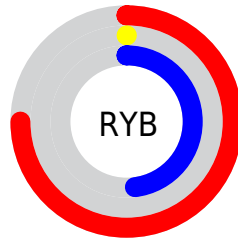
The HunterLab color **35.3644, 64.6063, -8.4941** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **61.3837, -50.2061, 31.6582**, and the grayscale version is **25.0482, -1.3365, 1.3609**.

A 20% lighter version of the original color is **55.2138, 69.2526, -8.8718**, and **23.2378, 41.9230, -1.4768** is the 20% darker color. If you saturate the color by 10%, you get **35.3640, 64.6049, -8.4886**, and if you desaturate by 10%, it is **36.2670, 63.2053, -10.9576**.

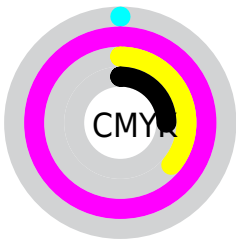
Distribution



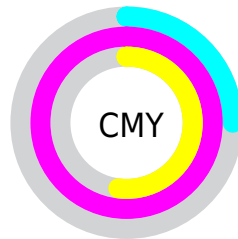
- Red (75%)
- Green (0%)
- Blue (48%)



- Red (75%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.3644, 64.6063, -8.4941 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 35.3644, 64.6063, -8.4941 by changing the saturation by 10% instead.

■ 35.3644, 64.6063,
-8.4941

■ 35.3644, 64.6063,
-8.4941

■ 144.1299, 82.7597,
-7.5364

■ 26.6271, 62.3492,
-8.2821

■ 55.1502, 69.1985,
-8.6879

■ 18.7576, 60.3796,
-7.9901

■ 66.0874, 71.4097,
-8.6843

■ 11.8660, 59.3244,
-7.6257

■ 77.6650, 73.5333,
-8.6205

■ 4.7184, 85.3875,
-11.6717

■ 89.8494, 75.5631,
-8.5009

0.0000, INF, NaN

0.0000, NaN, NaN

■ 102.6117, 77.4984,
-8.3296

0.0000, NaN, NaN

■ 115.9268, 79.3408,

0.0000, NaN, NaN

-8.1098

0.0000, NaN, NaN

129.7728, 81.0934,
-7.8446

■ 35.3644, 64.6063,
-8.4941

■ 35.3644, 64.6063,
-8.4941

■ 35.3640, 64.6049,
-8.4886

■ 36.2670, 63.2053,
-10.9576

■ 37.7786, 59.9160,
-12.5809

■ 40.0387, 54.5565,
-13.0924

■ 43.0274, 47.5882,
-12.5326

■ 46.6813, 39.5697,
-11.0598

■ 50.9189, 30.9860,
-8.8711

■ 55.6577, 22.1830,
-6.1496

■ 60.8231, 13.3740,
-3.0422

■ 66.3513, 4.6741,
0.3425

Harmonies

Analogous

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



35.3654, 46.4554, -47.5311



35.3644, 64.6063, -8.4941



35.3654, 61.3418, 14.6223

Triad

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



35.3654, 64.6029, -8.4928



35.3654, -17.3980, 24.2121



35.3654, -29.6902, -59.3326

Complementary

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



35.3644, 64.6063, -8.4941



61.3837, -50.2061, 31.6582

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.



35.3654, -38.6560, -18.4792



35.3644, 64.6063, -8.4941



35.3654, -33.1667, 21.3261

Square

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



35.3654, 64.6029, -8.4928



35.3654, 8.2448, 24.5379



35.3654, -39.7028, 9.9019



35.3654, -10.9962, -88.5243

Rectangle

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



35.3644, 64.6063, -8.4941



35.3654, 47.6864, 21.0542



35.3654, -39.7028, 9.9019



35.3654, -33.6699, -45.5281

Sweetspot

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



35.3654, 64.6029, -8.4928



74.1601, 30.2682, -8.4225



22.2508, 55.0021, -116.6657



33.4537, 16.5465, -4.7043



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



35.3654, 64.6029, -8.4928



47.2764, 86.2771, -10.6505



33.4128, 57.4759, 19.5694



31.0435, 1.9190, 0.2634



28.6961, 52.4723, -7.2658



5.7844, 10.7610, -2.8902

Inverse Universe

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



35.3654, 64.6029, -8.4928



47.2764, 86.2771, -10.6505



63.1530, -39.3350, 5.9790



31.0435, 1.9190, 0.2634



28.6961, 52.4723, -7.2658



5.7844, 10.7610, -2.8902

Previews

White Background



This preview shows how the HunterLab color 35.3644, 64.6063, -8.4941 looks on a white 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

Black Background



This preview shows how the HunterLab color 35.3644, 64.6063, -8.4941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

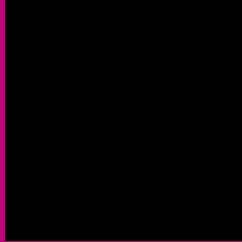
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 35.3644, 64.6063, -8.4941 Background



This preview shows how black text looks on a background with the HunterLab color 35.3644, 64.6063, -8.4941.



This preview shows how white text looks on a background with the HunterLab color 35.3644, 64.6063, -8.4941.

-8.4941.

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

35.3644, 64.6063, -8.4941

Protanopia

36.4516, 8.1070, -44.2057

Deuteranopia

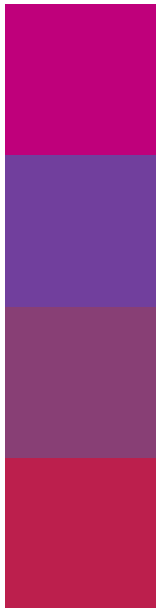
36.2517, 2.1697, -3.6606



Tritanopia

35.8692, 46.3303, 17.9256

Trichromacy



Original Color

35.3644, 64.6063, -8.4941

Protanomaly

30.8221, 31.0390, -41.8242

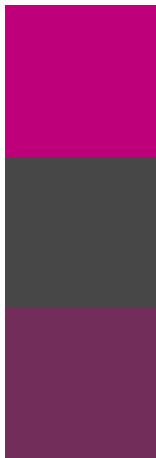
Deuteranomaly

31.7389, 29.6140, -11.3628

Tritanomaly

34.9387, 54.1587, 10.5625

Monochromacy



Original Color

35.3644, 64.6063, -8.4941

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.0196, 26.5188, -7.0410

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3644, 64.6063, -8.4941 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(191, 0, 123)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 123)  
}
```

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(191, 0, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3644, 64.6063, -8.4941 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(191, 0, 123) }
```


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

```
.border{ border-color:rgb(191, 0, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 123);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.3644, 64.6063, -8.4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 123) }
```

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

```
.background{ background-color: rgb(191, 0,  
123) }
```

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