

Converting Colors

HunterLab(37.6469, 68.0189,
-3.1723)

Have a look what the booklet for
HunterLab(37.6469, 68.0189,
-3.1723) contains.

HunterLab(37.6421, 68.0015, -3.1044)	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(37.6421, 68.0015,
-3.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0077
RGB	204, 0, 119
RGB Percent	80%, 0%, 47%
CMY	0.2000, 0.9999, 0.5333
CMYK	0.00, 1.00, 0.42, 0.20
HSL	325°, 100%, 40%
HSV	325°, 100%, 80%
XYZ	28.2316, 14.1693, 18.6997
YIQ	74.5620, 83.3850, 80.2570

Conversions

Conversions Part 2

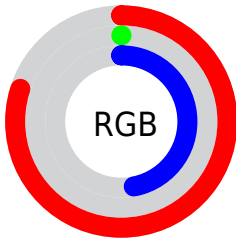
Format	Color
RYB	204, 0, 119
Decimal	13369463
CIELab	44.48, 72.94, -6.90
CIELCh	44, 73.263, 354.594
Yxy	14.1701, 0.4620, 0.2319
Android (android.graphics.Color)	4291559543 (0xFFCC0077)
YUV	74.5620, 21.9079, 113.5171
Hunter-Lab	37.6421, 68.0015, -3.1044

Details

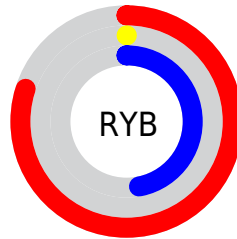
The HunterLab color **37.6421, 68.0015, -3.1044** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **66.2136, -53.2377, 32.1658**, and the grayscale version is **26.2799, -1.4022, 1.4278**.

A 20% lighter version of the original color is **55.8388, 68.7676, -5.2979**, and **25.2670, 45.0710, 2.3702** is the 20% darker color. If you saturate the color by 10%, you get **37.6416, 67.9996, -3.0974**, and if you desaturate by 10%, it is **38.5988, 66.6702, -6.1544**.

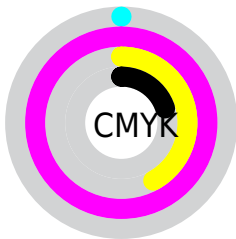
Distribution



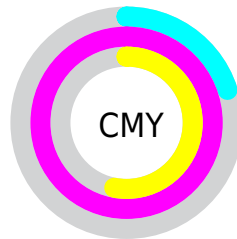
- Red (80%)
- Green (0%)
- Blue (47%)



- Red (80%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6421, 68.0015, -3.1044 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 37.6421, 68.0015, -3.1044 by changing the saturation by 10% instead.

37.6421, 68.0015,
-3.1044

37.6421, 68.0015,
-3.1044

147.7452, 86.5376,
0.2258

28.7038, 65.6971,
-3.2051

57.7845, 72.6698,
-2.7029

20.6114, 63.6471,
-3.2293

68.8830, 74.9203,
-2.4180

13.4663, 62.3781,
-3.1623

80.6131, 77.0850,
-2.0832

7.0392, 68.4416,
-3.6908

92.9425, 79.1577,
-1.7024

0.0000, INF, NaN

0.0000, INF, NaN

105.8433, 81.1373,
-1.2786

0.0000, NaN, NaN

119.2912, 83.0253,

0.0000, NaN, NaN

-0.8145

0.0000, NaN, NaN

133.2649, 84.8243,
-0.3124

■ 37.6421, 68.0015,
-3.1044

■ 37.6421, 68.0015,
-3.1044

■ 37.6416, 67.9996,
-3.0974

■ 38.5988, 66.6702,
-6.1544

■ 40.2365, 63.2660,
-8.4232

■ 42.6959, 57.6274,
-9.6042

■ 45.9539, 50.2579,
-9.6901

■ 49.9387, 41.7670,
-8.8083

■ 54.5591, 32.6797,
-7.1419

■ 59.7232, 23.3665,
-4.8713

■ 65.3489, 14.0532,
-2.1475

■ 71.3664, 4.8595,
0.9139

Harmonies

Analogous

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



37.6432, 52.7020, -41.3490



37.6421, 68.0015, -3.1044



37.6432, 60.5315, 17.7416

Triad

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



37.6432, 67.9976, -3.1031



37.6432, -21.9026, 25.2418



37.6432, -28.4041, -68.1784

Complementary

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



37.6421, 68.0015, -3.1044



66.2136, -53.2377, 32.1658

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.



37.6432, -39.5269, -26.1124



37.6421, 68.0015, -3.1044



37.6432, -36.6143, 21.2848

Square

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



37.6432, 67.9976, -3.1031



37.6432, 3.1978, 25.9378



37.6432, -42.0186, 6.5623



37.6432, -6.9503, -92.9385

Rectangle

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



37.6421, 68.0015, -3.1044



37.6432, 44.5210, 23.1890



37.6432, -42.0186, 6.5623



37.6432, -33.1935, -54.5736

Sweetspot

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



37.6432, 67.9976, -3.1031



76.5730, 30.5628, -6.4012



25.0854, 60.3297, -118.5065



34.0816, 16.5138, -3.5716

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.6432, 67.9976, -3.1031



48.3956, 87.3447, -3.3462



35.8870, 61.5647, 22.3127



33.6476, 2.0293, 0.5168



29.8948, 54.0625, -2.9046



6.8990, 12.6718, -2.1856

Inverse Universe

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



37.6432, 67.9976, -3.1031



48.3956, 87.3447, -3.3462



68.3915, -39.9156, 0.6850



33.6476, 2.0293, 0.5168



29.8948, 54.0625, -2.9046



6.8990, 12.6718, -2.1856

Previews

White Background



This preview shows how the HunterLab color 37.6421, 68.0015, -3.1044 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 37.6421, 68.0015, -3.1044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

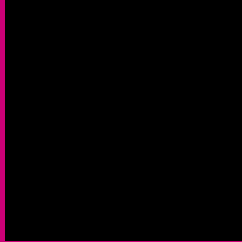
Any Text WCAG AA × Fail

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 37.6421, 68.0015, -3.1044 Background



This preview shows how black text looks on a background with the HunterLab color 37.6421, 68.0015, -3.1044.



This preview shows how white text looks on a background with the HunterLab color 37.6421, 68.0015, -3.1044.

-3.1044.

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

37.6421, 68.0015, -3.1044

Protanopia

38.5777, 6.3803, -35.3305

Deuteranopia

38.3920, 2.4030, 0.9172



Tritanopia

38.1127, 52.1199, 20.0473

Trichromacy



Original Color

37.6421, 68.0015, -3.1044

Protanomaly

32.8532, 31.7593, -32.8098

Deuteranomaly

33.7410, 31.6372, -6.1075

Tritanomaly

37.2028, 58.6253, 13.6256

Monochromacy



Original Color

37.6421, 68.0015, -3.1044

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.4704, 27.6607, -5.3739

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6421, 68.0015, -3.1044 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(204, 0, 119)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 119)  
}
```

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(204, 0, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6421, 68.0015, -3.1044 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(204, 0, 119) }
```


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

```
.border{ border-color:rgb(204, 0, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 119);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6421, 68.0015, -3.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 119) }
```

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

```
.background{ background-color: rgb(204, 0,  
119) }
```

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