

Converting Colors

HunterLab(36.9786, 65.5898,
6.3536)

Have a look what the booklet for
HunterLab(36.9786, 65.5898,
6.3536) contains.

HunterLab(36.9890, 65.6280, 6.2031)	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(36.9890, 65.6280,
6.2031)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0060
RGB	204, 0, 96
RGB Percent	80%, 0%, 38%
CMY	0.2000, 0.9998, 0.6235
CMYK	0.00, 1.00, 0.53, 0.20
HSL	332°, 100%, 40%
HSV	332°, 100%, 80%
XYZ	27.0131, 13.6819, 12.2834
YIQ	71.9400, 90.7680, 73.1040

Conversions

Conversions Part 2

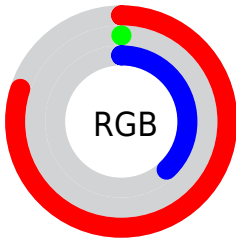
Format	Color
R_{YB}	204, 0, 96
Decimal	13369440
CIE _{Lab}	43.77, 71.09, 6.42
CIE _{LCh}	44, 71.380, 5.161
Yxy	13.6827, 0.5099, 0.2583
Android (android.graphics.Color)	4291559520 (0xFFCC0060)
YUV	71.9400, 11.8616, 115.8166
Hunter-Lab	36.9890, 65.6280, 6.2031

Details

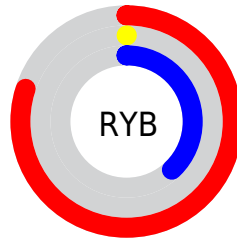
The HunterLab color **36.9890, 65.6280, 6.2031** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **66.5352, -51.2391, 27.4495**, and the grayscale version is **25.3795, -1.3542, 1.3789**.

A 20% lighter version of the original color is **55.0589, 65.4805, 5.7894**, and **24.6372, 43.1267, 8.6744** is the 20% darker color. If you saturate the color by 10%, you get **36.9884, 65.6260, 6.2104**, and if you desaturate by 10%, it is **37.9613, 64.3022, 2.8772**.

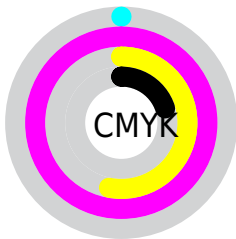
Distribution



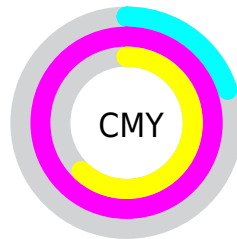
- Red (80%)
- Green (0%)
- Blue (38%)



- Red (80%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9890, 65.6280, 6.2031 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 36.9890, 65.6280, 6.2031 by changing the saturation by 10% instead.

36.9890, 65.6280,
6.2031

36.9890, 65.6280,
6.2031

146.7132, 83.7809,
14.8763

28.1075, 63.3448,
5.3054

57.0306, 70.2287,
8.0232

20.0779, 61.3029,
4.4032

68.0835, 72.4384,
8.9516

13.0040, 60.0275,
3.4801

79.7704, 74.5598,
9.8956

6.4641, 68.9001,
4.4690

92.0586, 76.5876,
10.8562

0.0000, INF, NaN

0.0000, INF, NaN

104.9202, 78.5211,
11.8342

0.0000, NaN, NaN

118.3304, 80.3624,

0.0000, NaN, NaN

12.8301

0.0000, NaN, NaN

132.2679, 82.1145,
13.8441

■ 36.9890, 65.6280,
6.2031

■ 36.9890, 65.6280,
6.2031

■ 36.9884, 65.6260,
6.2104

■ 37.9613, 64.3022,
2.8772

■ 39.6367, 60.9444,
0.0371

■ 42.1540, 55.4086,
-1.9762

■ 45.4838, 48.2127,
-3.0735

■ 49.5480, 39.9671,
-3.3016

■ 54.2504, 31.1848,
-2.7809

■ 59.4960, 22.2189,
-1.6512

■ 65.2007, 13.2785,
-0.0406

■ 71.2941, 4.4703,
1.9458

Harmonies

Analogous

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



36.9901, 58.2558, -25.4822



36.9890, 65.6280, 6.2031



36.9901, 51.0541, 20.7054

Triad

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



36.9901, 65.6238, 6.2042



36.9901, -27.4753, 23.9442



36.9901, -21.4355, -77.2446

Complementary

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



36.9890, 65.6280, 6.2031



66.5352, -51.2391, 27.4495

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.



36.9901, -35.6889, -39.4714



36.9890, 65.6280, 6.2031



36.9901, -38.4065, 17.3805

Square

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



36.9901, 65.6238, 6.2042



36.9901, -6.5513, 25.4019



36.9901, -40.9083, -2.7333



36.9901, 2.8337, -89.3284

Rectangle

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



36.9890, 65.6280, 6.2031



36.9901, 32.7866, 23.9740



36.9901, -40.9083, -2.7333



36.9901, -27.3059, -66.2471

Sweetspot

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



36.9901, 65.6238, 6.2042



76.2761, 29.0676, -2.1978



27.1830, 62.5811, -106.7553



33.9237, 15.7317, -1.3380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.9901, 65.6238, 6.2042



47.5557, 84.2907, 8.6356



35.9333, 61.0032, 23.2080



33.6156, 1.8577, 0.9719



29.3766, 52.1798, 4.4743



6.7860, 12.2646, -0.6023

Inverse Universe

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



36.9901, 65.6238, 6.2042



47.5557, 84.2907, 8.6356



67.7842, -35.1632, -8.8151



33.6156, 1.8577, 0.9719



29.3766, 52.1798, 4.4743



6.7860, 12.2646, -0.6023

Previews

White Background



This preview shows how the HunterLab color 36.9890, 65.6280, 6.2031 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 36.9890, 65.6280, 6.2031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

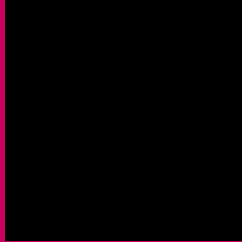
Any Text WCAG AA × Fail

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 36.9890, 65.6280, 6.2031 Background



This preview shows how black text looks on a background with the HunterLab color 36.9890, 65.6280, 6.2031.



This preview shows how white text looks on a background with the HunterLab color 36.9890, 65.6280,

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

36.9890, 65.6280, 6.2031

Protanopia

38.0185, 1.7139, -14.6358

Deuteranopia

37.8747, 2.2397, 8.9246



Tritanopia

37.5270, 55.1454, 21.1922

Trichromacy



Original Color

36.9890, 65.6280, 6.2031

Protanomaly

32.5504, 28.4416, -13.5773

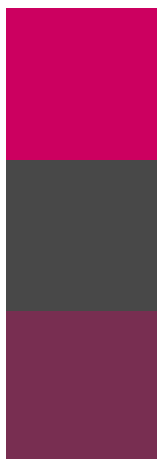
Deuteranomaly

33.4833, 30.5788, 3.6417

Tritanomaly

36.9669, 59.6195, 17.1863

Monochromacy



Original Color

36.9890, 65.6280, 6.2031

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.5757, 26.4867, -1.8231

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9890, 65.6280, 6.2031 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9890, 65.6280, 6.2031 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, 96) }
```


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

```
.border{ border-color:rgb(204, 0, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 96);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 96)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.9890, 65.6280, 6.2031 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, 96) }
```

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

```
.background{ background-color: rgb(204, 0,  
96) }
```

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