

Converting Colors

HunterLab(33.8981, 60.1468,
5.6615)

Have a look what the booklet for
HunterLab(33.8981, 60.1468,
5.6615) contains.

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Color

**HunterLab(33.9461, 60.2093,
5.8461)**

Conversions

Conversions Part 1

Format	Color
Hex	BD0058
RGB	189, 0, 88
RGB Percent	74%, 0%, 35%
CMY	0.2588, 0.9999, 0.6549
CMYK	0.00, 1.00, 0.53, 0.26
HSL	332°, 100%, 37%
HSV	332°, 100%, 74%
XYZ	22.7477, 11.5234, 10.2578
YIQ	66.5430, 84.3960, 67.4360

Conversions

Conversions Part 2

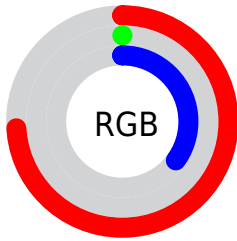
Format	Color
R_{YB}	189, 0, 88
Decimal	12386392
CIE Lab	40.45, 67.12, 6.32
CIE LCh	40, 67.416, 5.381
Yxy	11.5241, 0.5108, 0.2588
Android (android.graphics.Color)	4290576472 (0xFFBD0058)
YUV	66.5430, 10.5783, 107.3948
Hunter-Lab	33.9461, 60.2093, 5.8461

Details

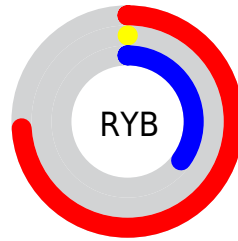
The HunterLab color **33.9461, 60.2093, 5.8461** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **61.1028, -46.9013, 24.8753**, and the grayscale version is **23.4810, -1.2529, 1.2758**.

A 20% lighter version of the original color is **53.5582, 64.7201, 7.5174**, and **22.0035, 38.4743, 8.0736** is the 20% darker color. If you saturate the color by 10%, you get **33.9456, 60.2076, 5.8522**, and if you desaturate by 10%, it is **34.8798, 58.8513, 2.8381**.

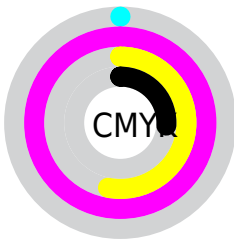
Distribution



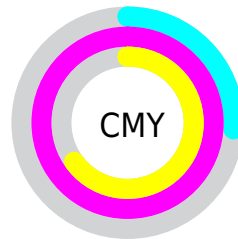
- Red (74%)
- Green (0%)
- Blue (35%)



- Red (74%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9461, 60.2093, 5.8461 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 33.9461, 60.2093, 5.8461 by changing the saturation by 10% instead.

■ 33.9461, 60.2093,
5.8461

■ 33.9461, 60.2093,
5.8461

141.8550, 77.6446,
14.4295

■ 25.3387, 57.9950,
4.9554

■ 53.5026, 64.6736,
7.6476

■ 17.6137, 56.0501,
4.0568

■ 64.3364, 66.8084,
8.5660

■ 10.8878, 55.0202,
3.1692

■ 75.8164, 68.8509,
9.4996

■ 2.2307, 156.0763,
1.5615

■ 87.9080, 70.7966,
10.4499

0.0000, INF, NaN

0.0000, NaN, NaN

■ 100.5818, 72.6458,
11.4176

0.0000, NaN, NaN

■ 113.8121, 74.4011,

0.0000, NaN, NaN

12.4033

0.0000, NaN, NaN

127.5766, 76.0660,
13.4072

■ 33.9461, 60.2093,
5.8461

■ 33.9461, 60.2093,
5.8461

■ 33.9456, 60.2076,
5.8522

■ 34.8798, 58.8513,
2.8381

■ 36.4437, 55.6928,
0.2576

■ 38.7737, 50.5715,
-1.5768

■ 41.8408, 43.9642,
-2.5866

■ 45.5731, 36.4221,
-2.8142

■ 49.8833, 28.4049,
-2.3671

■ 54.6855, 20.2280,
-1.3699

■ 59.9038, 12.0777,
0.0630

■ 65.4747, 4.0490,
1.8372

Harmonies

Analogous

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



33.9471, 53.5909, -23.1244



33.9461, 60.2093, 5.8461



33.9471, 46.7001, 19.0545

Triad

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



33.9471, 60.2055, 5.8471



33.9471, -25.3231, 21.9560



33.9471, -19.5430, -71.0954

Complementary

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



33.9461, 60.2093, 5.8461



61.1028, -46.9013, 24.8753

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.



33.9471, -32.6916, -36.5097



33.9461, 60.2093, 5.8461



33.9471, -35.2925, 15.8714

Square

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



33.9471, 60.2055, 5.8471



33.9471, -6.1869, 23.4429



33.9471, -37.5366, -2.7062



33.9471, 2.7939, -81.9467

Rectangle

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



33.9461, 60.2093, 5.8461



33.9471, 29.8902, 22.0210



33.9471, -37.5366, -2.7062



33.9471, -24.9542, -61.0522

Sweetspot

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



33.9471, 60.2055, 5.8471



72.8511, 27.6161, -1.9147



25.3592, 57.9088, -95.9207



32.4984, 14.9490, -1.1796



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



33.9471, 60.2055, 5.8471



45.3767, 80.3842, 8.5837



33.1003, 55.6182, 21.3682



30.9972, 1.6705, 0.9222



27.8716, 49.4854, 4.4097



5.6348, 10.2243, -0.8126

Inverse Universe

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



33.9471, 60.2055, 5.8471



45.3767, 80.3842, 8.5837



61.1702, -31.0098, -9.5141



30.9972, 1.6705, 0.9222



27.8716, 49.4854, 4.4097



5.6348, 10.2243, -0.8126

Previews

White Background



This preview shows how the HunterLab color 33.9461, 60.2093, 5.8461 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 33.9461, 60.2093, 5.8461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

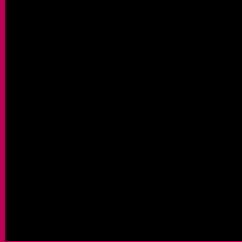
Any Text WCAG AA × Fail

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 33.9461, 60.2093, 5.8461 Background



This preview shows how black text looks on a background with the HunterLab color 33.9461, 60.2093, 5.8461.



This preview shows how white text looks on a background with the HunterLab color 33.9461, 60.2093,

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

33.9461, 60.2093, 5.8461

Protanopia

35.0451, 1.7658, -12.9250

Deuteranopia

34.7783, 2.0663, 8.5280



Tritanopia

34.4793, 50.4388, 19.3947

Trichromacy



Original Color

33.9461, 60.2093, 5.8461

Protanomaly

30.1216, 26.1467, -11.7326

Deuteranomaly

30.8528, 27.9405, 3.7740

Tritanomaly

33.9581, 54.5958, 15.7871

Monochromacy



Original Color

33.9461, 60.2093, 5.8461

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.6965, 23.9862, -1.6336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9461, 60.2093, 5.8461 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(189, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 88)  
}
```

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(189, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9461, 60.2093, 5.8461 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(189, 0, 88) }
```


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

```
.border{ border-color:rgb(189, 0, 88) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(189, 0, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.9461, 60.2093, 5.8461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 88) }
```

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

```
.background{ background-color: rgb(189, 0,  
88) }
```

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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