

Converting Colors

HunterLab(27.4197, -17.2182,
-68.8237)

Have a look what the booklet for
HunterLab(27.4197, -17.2182,
-68.8237) contains.

HunterLab(33.2002, 3.9739, -50.0758)	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(33.2002, 3.9739,
-50.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	005EAD
RGB	0, 94, 173
RGB Percent	0%, 37%, 68%
CMY	0.9999, 0.6314, 0.3216
CMYK	1.00, 0.46, 0.00, 0.32
HSL	207°, 100%, 34%
HSV	207°, 100%, 68%
XYZ	11.5455, 11.0225, 41.0542
YIQ	74.9000, -81.3830, 4.6410

Conversions

Conversions Part 2

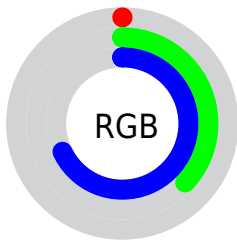
Format	Color
R_{YB}	0, 61, 173
Decimal	24237
CIE _{Lab}	39.62, 7.89, -48.59
CIE _{LCh}	40, 49.230, 279.225
Yxy	11.0228, 0.1815, 0.1733
Android (android.graphics.Color)	4278214317 (0xFF005EAD)
YUV	74.9000, 48.3633, -65.6873
Hunter-Lab	33.2002, 3.9739, -50.0758

Details

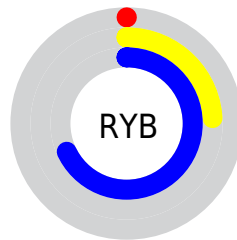
The HunterLab color **33.2002, 3.9739, -50.0758** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **38.0540, 27.3708, 23.9264**, and the grayscale version is **26.3468, -1.4058, 1.4315**.

A 20% lighter version of the original color is **52.7042, 3.7252, -50.8504**, and **18.8486, 9.5218, -44.1139** is the 20% darker color. If you saturate the color by 10%, you get **33.1964, 3.9811, -50.0866**, and if you desaturate by 10%, it is **35.5287, 0.7355, -44.0709**.

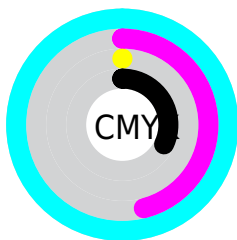
Distribution



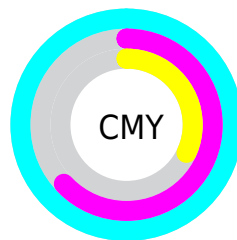
- Red (0%)
- Green (37%)
- Blue (68%)



- Red (0%)
- Yellow (24%)
- Blue (68%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (63%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2002, 3.9739, -50.0758 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 33.2002, 3.9739, -50.0758 by changing the saturation by 10% instead.

■ 33.2002, 3.9739,
-50.0758

■ 33.2002, 3.9739,
-50.0758

■ 140.6500, 1.6027,
-55.9274

■ 24.6621, 3.9258,
-50.1512

■ 52.6331, 3.8337,
-51.0460

■ 17.0151, 3.7758,
-51.2217

■ 63.4114, 3.6639,
-51.7418

■ 10.3790, 3.4974,
-54.7968

■ 74.8391, 3.4374,
-52.4774

0.0000, INF, -NF

0.0000, NaN, -NF

■ 86.8812, 3.1592,
-53.2179

0.0000, NaN, -NF

■ 99.5076, 2.8336,
-53.9430

0.0000, NaN, NaN

■ 112.6927, 2.4638,

0.0000, NaN, NaN

-54.6406

0.0000, NaN, NaN

126.4135, 2.0527,
-55.3035

■ 33.2002, 3.9739,
-50.0758

■ 33.2002, 3.9739,
-50.0758

■ 33.1964, 3.9811,
-50.0866

■ 35.5287, 0.7355,
-44.0709

■ 38.0494, -1.9485,
-38.1938

■ 40.7835, -3.9717,
-32.4146

■ 43.7174, -5.3614,
-26.7737

■ 46.8353, -6.1674,
-21.2972

■ 50.1208, -6.4482,
-15.9968

■ 53.5585, -6.2633,
-10.8734

■ 57.1343, -5.6686,
-5.9204

■ 60.8357, -4.7149,
-1.1268

Harmonies

Analogous

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



33.2007, -13.2067, -46.2406



33.2002, 3.9739, -50.0758



33.2007, 23.1431, -35.2820

Triad

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



33.2007, 3.9749, -50.0750



33.2007, 29.6110, 16.6382



33.2007, -28.3871, 11.5130

Complementary

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



33.2002, 3.9739, -50.0758



38.0540, 27.3708, 23.9264

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.



33.2007, -20.9907, 18.5572



33.2002, 3.9739, -50.0758



33.2007, 11.4531, 20.2266

Square

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



33.2007, 3.9749, -50.0750



33.2007, 39.8900, 6.6755



33.2007, -7.1551, 20.6681



33.2007, -29.5515, -3.9322

Rectangle

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



33.2002, 3.9739, -50.0758



33.2007, 33.6104, -19.9077



33.2007, -7.1551, 20.6681



33.2007, -26.6366, 14.6490

Sweetspot

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



33.2007, 3.9749, -50.0750



71.4205, -8.4101, -14.9179



55.1686, -43.7588, 25.5090



32.4129, -3.9945, -8.2445



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



33.2007, 3.9749, -50.0750



43.9322, 6.2383, -68.3781



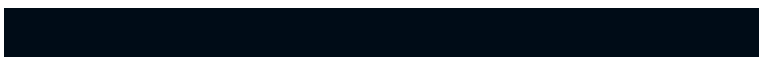
17.9048, 44.8081, -119.1006



29.0706, -2.2073, -0.3846



28.6551, 3.0429, -42.3852



5.7974, -1.1742, -4.7115

Inverse Universe

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



31.1338, 55.9075, -0.0034



41.6103, 74.6303, 0.7531



59.6335, -12.8465, 36.5200



28.4348, 1.5914, 0.5949



26.7057, 48.0004, -0.3088



4.5746, 8.4398, -1.7384

Previews

White Background



This preview shows how the HunterLab color 33.2002, 3.9739, -50.0758 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 33.2002, 3.9739, -50.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

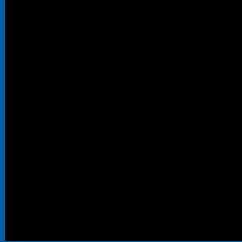
Any Text WCAG AA × Fail

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 33.2002, 3.9739, -50.0758 Background



This preview shows how black text looks on a background with the HunterLab color 33.2002, 3.9739, -50.0758.



This preview shows how white text looks on a background with the HunterLab color 33.2002, 3.9739, -50.0758.

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

33.2002, 3.9739, -50.0758

Protanopia

33.4196, 8.3770, -46.7300

Deuteranopia

33.1837, 1.9603, -45.7085



Tritanopia

33.2390, -16.1757, -6.6271

Trichromacy



Original Color

33.2002, 3.9739, -50.0758

Protanomaly

33.0676, 6.0311, -48.5990

Deuteranomaly

33.2967, 2.5657, -47.1566

Tritanomaly

32.9174, -9.5594, -20.5079

Monochromacy



Original Color

33.2002, 3.9739, -50.0758

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.9476, -3.5259, -14.7452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2002, 3.9739, -50.0758 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(0, 94, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 173)  
}
```

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(0, 94, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2002, 3.9739, -50.0758 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(0, 94, 173) }
```


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

```
.border{ border-color:rgb(0, 94, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 173)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2002, 3.9739, -50.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 173) }
```

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

```
.background{ background-color: rgb(0, 94,  
173) }
```

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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