

Converting Colors

HunterLab(35.1857, 3.9390,
-51.9592)

Have a look what the booklet for
HunterLab(35.1857, 3.9390,
-51.9592) contains.

HunterLab(35.0602, 4.1433, -52.2515)	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(35.0602, 4.1433,
-52.2515)**

Conversions

Conversions Part 1	
Format	Color
Hex	0563B5
RGB	5, 99, 181
RGB Percent	2%, 39%, 71%
CMY	0.9802, 0.6118, 0.2902
CMYK	0.97, 0.45, 0.00, 0.29
HSL	208°, 95%, 36%
HSV	208°, 97%, 71%
XYZ	12.8650, 12.2922, 45.4107
YIQ	80.2420, -82.3460, 5.5740

Conversions

Conversions Part 2

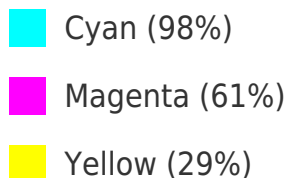
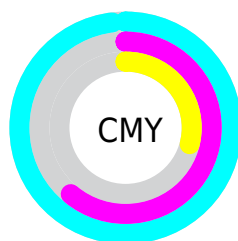
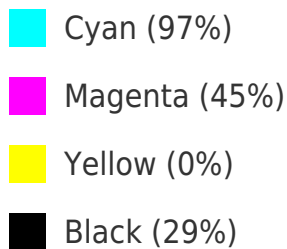
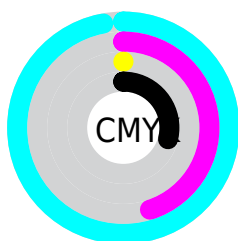
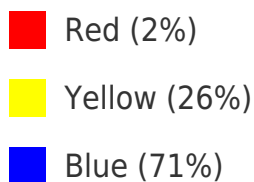
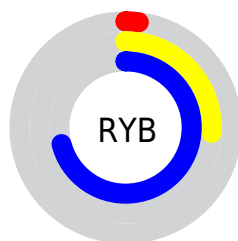
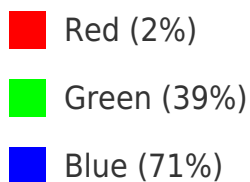
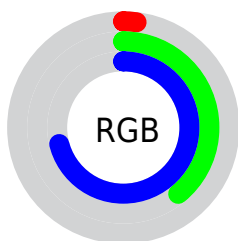
Format	Color
RYB	5, 66, 181
Decimal	353205
CIELab	41.68, 8.11, -49.98
CIELCh	42, 50.638, 279.221
Yxy	12.2925, 0.1823, 0.1742
Android (android.graphics.Color)	4278543285 (0xFF0563B5)
YUV	80.2420, 49.6737, -65.9872
Hunter-Lab	35.0602, 4.1433, -52.2515

Details

The HunterLab color **35.0602, 4.1433, -52.2515** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **40.8133, 26.9602, 25.4108**, and the grayscale version is **28.2622, -1.5080, 1.5355**.

A 20% lighter version of the original color is **54.7142, 3.9091, -53.0382**, and **20.4221, 9.2743, -45.5464** is the 20% darker color. If you saturate the color by 10%, you get **34.3827, 5.1573, -54.1085**, and if you desaturate by 10%, it is **37.5851, 0.7164, -45.7897**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 35.0602, 4.1433, -52.2515 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 35.0602, 4.1433, -52.2515 by changing the saturation by 10% instead.


 35.0602, 4.1433,
-52.2515


 35.0602, 4.1433,
-52.2515


 143.6427, 1.7675,
-58.2159


 26.3500, 4.1002,
-52.2890


 54.7967, 3.9980,
-53.2464


 18.5111, 3.9582,
-53.2464

 65.7119, 3.8271,
-53.9506

 11.6546, 3.6931,
-56.4192


 77.2687, 3.6000,
-54.6957

 4.3092, 7.9756,
-94.5342

 89.4333, 3.3218,
-55.4472

0.0000, NaN, -NF

0.0000, NaN, -NF

 102.1768, 2.9964,
-56.1851

0.0000, NaN, -NF

 115.4738, 2.6270,

0.0000, NaN, NaN

-56.8969

0.0000, NaN, NaN

129.3024, 2.2166,
-57.5754

■ 35.0602, 4.1433,
-52.2515

■ 35.0602, 4.1433,
-52.2515

■ 34.3827, 5.1573,
-54.1085

■ 37.5851, 0.7164,
-45.7897

■ 40.3403, -2.0327,
-39.4302

■ 43.3223, -4.0792,
-33.2058

■ 46.5146, -5.4623,
-27.1568

■ 49.8991, -6.2404,
-21.3054

■ 53.4579, -6.4783,
-15.6586

■ 57.1745, -6.2400,
-10.2125

■ 61.0341, -5.5843,
-4.9560

■ 65.0234, -4.5639,
0.1254

Harmonies

Analogous

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



35.0607, -13.8581, -48.2531



35.0602, 4.1433, -52.2515



35.0607, 24.1981, -36.8354

Triad

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



35.0607, 4.1443, -52.2506



35.0607, 30.9636, 17.4878



35.0607, -29.7955, 12.0924

Complementary

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



35.0602, 4.1433, -52.2515



40.8133, 26.9602, 25.4108

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.



35.0607, -22.0230, 19.5177



35.0602, 4.1433, -52.2515



35.0607, 11.9763, 21.2877

Square

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



35.0607, 4.1443, -52.2506



35.0607, 41.7025, 7.0095



35.0607, -7.5093, 21.7577



35.0607, -31.0208, -4.0969

Rectangle

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



35.0602, 4.1433, -52.2515



35.0607, 35.1394, -20.7963



35.0607, -7.5093, 21.7577



35.0607, -27.9549, 15.3921

Sweetspot

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



35.0607, 4.1443, -52.2506



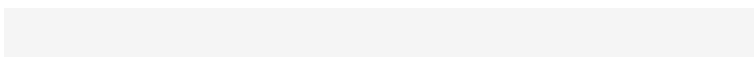
75.3698, -8.4748, -15.2967



58.0724, -45.6970, 26.3743



34.0659, -4.0101, -8.5313



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



35.0607, 4.1443, -52.2506



45.5105, 7.8452, -73.8197



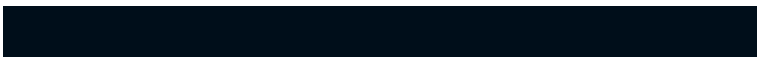
19.1791, 46.0899, -122.5192



29.9273, -2.2409, -0.4314



28.7915, 3.8290, -44.2525



6.1338, -1.0479, -5.4045

Inverse Universe

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



32.9151, 58.2512, 0.0384



43.6828, 78.2137, 1.8271



62.7830, -13.5597, 38.3126



29.2892, 1.6412, 0.6408



27.1606, 48.7394, 0.2937



4.9372, 9.0764, -1.6259

Previews

White Background



This preview shows how the HunterLab color 35.0602, 4.1433, -52.2515 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 35.0602, 4.1433, -52.2515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

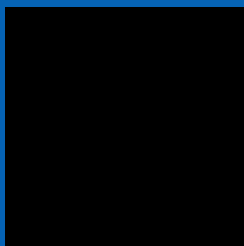
Any Text WCAG AA × Fail

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 35.0602, 4.1433, -52.2515 Background



This preview shows how black text looks on a background with the HunterLab color 35.0602, 4.1433, -52.2515.



This preview shows how white text looks on a background with the HunterLab color 35.0602, 4.1433, -52.2515.

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

35.0602, 4.1433, -52.2515

Protanopia

35.0118, 8.9476, -48.7073

Deuteranopia

34.9985, 1.9630, -47.9826



Tritanopia

34.9260, -17.0600, -6.8267

Trichromacy



Original Color

35.0602, 4.1433, -52.2515

Protanomaly

34.6575, 6.5901, -50.5843

Deuteranomaly

35.1306, 2.6344, -49.3917

Tritanomaly

34.6547, -10.1151, -21.2715

Monochromacy



Original Color

35.0602, 4.1433, -52.2515

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

29.7618, -3.5786, -15.2508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.0602, 4.1433, -52.2515 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(5, 99, 181)` looks like.

```
.text, #text, p{  
    color:rgb(5, 99, 181)  
}
```

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(5, 99, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 99, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 35.0602, 4.1433, -52.2515 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(5, 99, 181) }
```


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

```
.border{ border-color:rgb(5, 99, 181) }
```

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

Here you see how a box with a 4 pixel rgb(5, 99, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 99, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 99, 181);  
box-shadow:4px 4px 4px 4px rgb(5, 99, 181)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.0602, 4.1433, -52.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 99, 181) }
```

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

```
.background{ background-color: rgb(5, 99,  
181) }
```

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