

Converting Colors

HunterLab(52.9236, -13.7748,
-16.0042)

Have a look what the booklet for
HunterLab(52.9236, -13.7748,
-16.0042) contains.

HunterLab(52.9236, -13.7748, -16.0042)	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(52.9236,
-13.7748, -16.0042)**

Conversions

Conversions Part 1

Format	Color
Hex	5599B4
RGB	85, 153, 180
RGB Percent	33%, 60%, 71%
CMY	0.6666, 0.4000, 0.2941
CMYK	0.53, 0.15, 0.00, 0.29
HSL	197°, 39%, 52%
HSV	197°, 53%, 71%
XYZ	23.3758, 28.0091, 47.3543
YIQ	135.7460, -49.1950, -6.0190

Conversions

Conversions Part 2

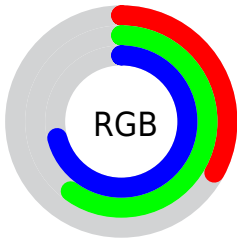
Format	Color
R _Y B	85, 125, 180
Decimal	5609908
CIE Lab	59.90, -13.88, -20.67
CIE LCh	60, 24.897, 236.127
Yxy	28.0101, 0.2367, 0.2837
Android (android.graphics.Color)	4283799988 (0xFF5599B4)
YUV	135.7460, 21.8172, -44.5042
Hunter-Lab	52.9236, -13.7748, -16.0042

Details

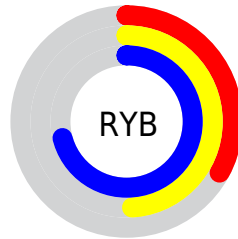
The HunterLab color $52.9236, -13.7748, -16.0042$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $46.8491, 18.0561, 18.3065$, and the grayscale version is $49.4492, -2.6385, 2.6867$.

A 20% lighter version of the original color is $75.0630, -16.1753, -16.7114$, and $33.4581, -11.1160, -15.1586$ is the 20% darker color. If you saturate the color by 10%, you get $50.6291, -14.1201, -19.6170$, and if you desaturate by 10%, it is $55.3834, -12.8675, -12.3246$.

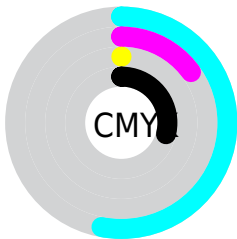
Distribution



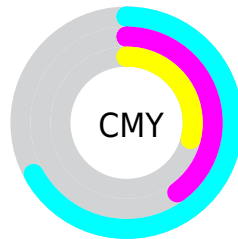
- Red (33%)
- Green (60%)
- Blue (71%)



- Red (33%)
- Yellow (49%)
- Blue (71%)



- Cyan (53%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (67%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.9236, -13.7748, -16.0042 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 52.9236, -13.7748, -16.0042 by changing the saturation by 10% instead.

■ 52.9236, -13.7748,
-16.0042

■ 52.9236, -13.7748,
-16.0042

171.0308,
-25.7020, -16.4005

■ 42.8174, -12.4220,
-15.6681

■ 75.1669, -16.4319,
-16.4792

■ 33.4508, -11.0384,
-15.2682

■ 87.2256, -17.7492,
-16.6250

■ 24.8887, -9.6060,
-14.8121

■ 99.8680, -19.0649,
-16.7136

■ 17.2154, -8.0939,
-14.3316

■ 113.0682,
-20.3820, -16.7482

■ 10.5490, -6.5696,
-13.9384

126.8037,
-21.7026, -16.7316

0.0000, NaN, -NF

141.0544,

0.0000, NaN, -NF

-23.0287, -16.6666

0.0000, NaN, NaN

155.8021,
-24.3614, -16.5555

0.0000, NaN, NaN

■ 52.9236, -13.7748,
-16.0042

■ 52.9236, -13.7748,
-16.0042

■ 50.6291, -14.1201,
-19.6170

■ 55.3834, -12.8675,
-12.3246

■ 48.5022, -13.8750,
-23.1407

■ 57.9984, -11.4357,
-8.6040

■ 46.5456, -13.0292,
-26.5505

■ 60.7612, -9.5226,
-4.8609

■ 44.7551, -11.6000,
-29.8292

■ 63.6631, -7.1730,
-1.1111

■ 43.5370, -10.3116,
-32.1577

■ 66.6951, -4.4302,
2.6334

■ 69.8488, -1.3351,
6.3641

■ 73.1160, 2.0745,
10.0749

■ 76.4891, 5.7647,
13.7620

■ 79.9609, 9.7055,
17.4237

Harmonies

Analogous

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



52.9246, -20.0035, -6.4465



52.9236, -13.7748, -16.0042



52.9246, -4.2043, -20.5033

Triad

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



52.9246, -13.7750, -16.0033



52.9246, 19.2193, 1.5466



52.9246, -11.5552, 17.5691

Complementary

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



52.9236, -13.7748, -16.0042



46.8491, 18.0561, 18.3065

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.



52.9246, -1.4349, 18.8781



52.9236, -13.7748, -16.0042



52.9246, 16.8652, 10.7692

Square

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



52.9246, -13.7750, -16.0033



52.9246, 15.2924, -9.1818



52.9246, 9.0908, 16.6494



52.9246, -18.7949, 12.6382

Rectangle

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



52.9236, -13.7748, -16.0042



52.9246, 2.9888, -19.4860



52.9246, 9.0908, 16.6494



52.9246, -8.4016, 18.3995

Sweetspot

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



52.9246, -13.7750, -16.0033



84.3379, -10.8287, -3.2625



59.7850, -35.9875, 21.0300



38.8413, -5.3341, -1.9908



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.



52.9246, -13.7750, -16.0033



67.7886, -19.0160, -27.0408



39.3065, 8.8535, -40.7582



30.3566, -2.9402, 0.0871



36.5346, -8.8547, -26.5503



7.1639, -2.5369, -3.4778

Inverse Universe

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



43.0129, 40.1841, -14.3352



53.1138, 65.3461, -22.1824



59.4136, -5.0321, 27.9449



29.3338, 1.8803, 0.0071



28.0849, 52.0672, -12.6349



5.0753, 9.5685, -3.5177

Previews

White Background



This preview shows how the HunterLab color 52.9236, -13.7748, -16.0042 looks on a white 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

Black Background



This preview shows how the HunterLab color 52.9236, -13.7748, -16.0042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

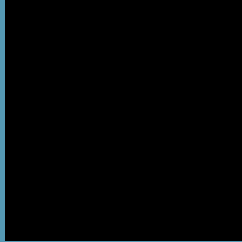
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 52.9236, -13.7748, -16.0042 Background



This preview shows how black text looks on a background with the HunterLab color 52.9236, -13.7748, -16.0042.



This preview shows how white text looks on a background with the HunterLab color 52.9236, -13.7748, -16.0042.

-13.7748, -16.0042.

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

52.9236, -13.7748, -16.0042

Protanopia

52.6132, 1.3355, -12.1089

Deuteranopia

52.7134, 3.8822, -17.8393



Tritanopia

52.9331, -17.8294, -9.1897

Trichromacy



Original Color

52.9236, -13.7748, -16.0042

Protanomaly

52.4823, -4.8203, -14.1473

Deuteranomaly

52.4211, -3.0674, -17.8070

Tritanomaly

52.8049, -16.4123, -11.5722

Monochromacy



Original Color

52.9236, -13.7748, -16.0042

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.3934, -7.8648, -4.0357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.9236, -13.7748, -16.0042 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(85, 153, 180)` looks like.

```
.text, #text, p{  
    color:rgb(85, 153, 180)  
}
```

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(85, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 153, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 52.9236, -13.7748, -16.0042 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(85, 153, 180) }
```


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

```
.border{ border-color:rgb(85, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(85, 153,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.9236, -13.7748, -16.0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 153, 180) }
```

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

```
.background{ background-color: rgb(85, 153,  
180) }
```

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