

Converting Colors

HunterLab(51.5653, -18.4280,
-17.6625)

Have a look what the booklet for
HunterLab(51.5653, -18.4280,
-17.6625) contains.

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Color

**HunterLab(51.6625,
-18.5617, -17.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	3199B3
RGB	49, 153, 179
RGB Percent	19%, 60%, 70%
CMY	0.8078, 0.4000, 0.2980
CMYK	0.73, 0.15, 0.00, 0.30
HSL	192°, 57%, 45%
HSV	192°, 73%, 70%
XYZ	20.7946, 26.6901, 46.7036
YIQ	124.8680, -70.3300, -13.9620

Conversions

Conversions Part 2

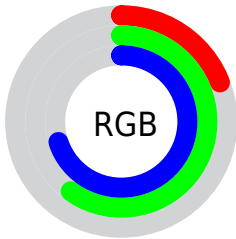
Format	Color
R _Y B	49, 107, 179
Decimal	3250611
CIE Lab	58.69, -20.64, -22.06
CIE LCh	59, 30.212, 226.905
Yxy	26.6911, 0.2208, 0.2834
Android (android.graphics.Color)	4281440691 (0xFF3199B3)
YUV	124.8680, 26.6871, -66.5362
Hunter-Lab	51.6625, -18.5617, -17.4352

Details

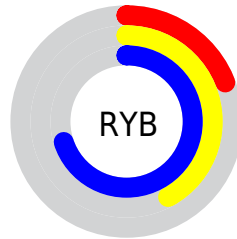
The HunterLab color **51.6625, -18.5617, -17.4352** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **38.5212, 32.9645, 19.8398**, and the grayscale version is **45.1544, -2.4093, 2.4533**.

A 20% lighter version of the original color is **73.9058, -22.1919, -17.9018**, and **33.1800, -12.2442, -15.0405** is the 20% darker color. If you saturate the color by 10%, you get **50.1761, -18.3682, -19.7982**, and if you desaturate by 10%, it is **53.3082, -18.1778, -14.9040**.

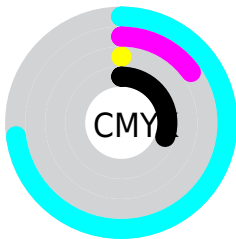
Distribution



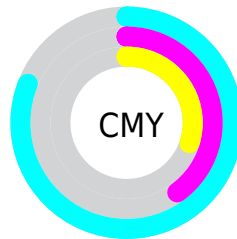
- Red (19%)
- Green (60%)
- Blue (70%)



- Red (19%)
- Yellow (42%)
- Blue (70%)



- Cyan (73%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (81%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6625, -18.5617, -17.4352 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 51.6625, -18.5617, -17.4352 by changing the saturation by 10% instead.

■ 51.6625, -18.5617,
-17.4352

■ 51.6625, -18.5617,
-17.4352

169.1622,
-33.3504, -18.2757

■ 41.6430, -16.7822,
-17.0502

■ 73.7481, -21.9789,
-18.0126

■ 32.3700, -14.9296,
-16.6061

■ 85.7342, -23.6411,
-18.2097

■ 23.9105, -12.9710,
-16.1171

■ 98.3074, -25.2832,
-18.3490

■ 16.3519, -10.8502,
-15.6313

■ 111.4414,
-26.9108, -18.4334

■ 9.8180, -9.7235,
-15.3116

■ 125.1132,
-28.5283, -18.4657

0.0000, NaN, -NF

0.0000, NaN, -NF

139.3024,

-30.1389, -18.4486

0.0000, NaN, NaN

153.9909,
-31.7456, -18.3846

0.0000, NaN, NaN

■ 51.6625, -18.5617,
-17.4352

■ 51.6625, -18.5617,
-17.4352

■ 50.1761, -18.3682,
-19.7982

■ 53.3082, -18.1778,
-14.9040

■ 48.8375, -17.6276,
-21.9914

■ 55.1136, -17.2130,
-12.2209

■ 47.9164, -16.8392,
-23.5404

■ 57.0788, -15.6822,
-9.4033

■ 59.2007, -13.6131,
-6.4718

■ 61.4740, -11.0414,
-3.4464

■ 63.8925, -8.0072,
-0.3461

■ 66.4490, -4.5524,
2.8123

■ 69.1364, -0.7180,
6.0145

■ 71.9470, 3.4567,
9.2483

Harmonies

Analogous

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



51.6634, -24.3141, -4.4902



51.6625, -18.5617, -17.4352



51.6634, -8.2326, -25.6755

Triad

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



51.6634, -18.5616, -17.4343



51.6634, 23.5405, -2.7944



51.6634, -9.7411, 20.6083

Complementary

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



51.6625, -18.5617, -17.4352



38.5212, 32.9645, 19.8398

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.



51.6634, 2.9516, 20.8499



51.6625, -18.5617, -17.4352



51.6634, 23.0355, 9.1832

Square

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



51.6634, -18.5616, -17.4343



51.6634, 16.5238, -15.9347



51.6634, 15.2049, 17.1851



51.6634, -19.5728, 16.4172

Rectangle

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



51.6625, -18.5617, -17.4352



51.6634, 0.2409, -26.3423



51.6634, 15.2049, 17.1851



51.6634, -5.6927, 21.1104

Sweetspot

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



51.6634, -18.5616, -17.4343



82.3469, -14.6823, -4.5100



57.7944, -43.5155, 28.0206



38.3677, -7.3751, -2.6373



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.



51.6634, -18.5616, -17.4343



66.0782, -24.0863, -28.2392



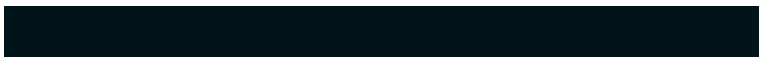
32.9976, 12.0046, -56.0873



30.5566, -3.2628, 0.3263



40.3947, -14.3123, -19.5936



7.6610, -3.1971, -2.6739

Inverse Universe

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



37.5249, 55.3421, -23.5270



46.7894, 83.0841, -32.6661



53.4442, 1.7402, 29.7379



29.3548, 1.9926, -0.2906



28.6136, 53.9469, -19.8456



5.1481, 9.8252, -4.4947

Previews

White Background



This preview shows how the HunterLab color 51.6625, -18.5617, -17.4352 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 51.6625, -18.5617, -17.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

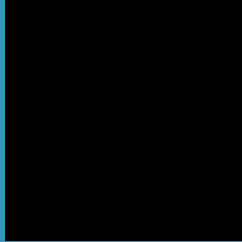
Any Text WCAG AA ✓ Pass

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 51.6625, -18.5617, -17.4352 Background



This preview shows how black text looks on a background with the HunterLab color 51.6625, -18.5617, -17.4352.



This preview shows how white text looks on a background with the HunterLab color 51.6625, -18.5617, -17.4352.

-18.5617, -17.4352.

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

51.6625, -18.5617, -17.4352

Protanopia

51.3791, 1.1987, -11.6350

Deuteranopia

51.3611, 3.5784, -19.3769



Tritanopia

51.7120, -22.4825, -11.0035

Trichromacy



Original Color

51.6625, -18.5617, -17.4352

Protanomaly

50.8402, -7.8324, -14.9157

Deuteranomaly

50.7423, -6.0266, -19.9185

Tritanomaly

51.5996, -20.9721, -13.4184

Monochromacy



Original Color

51.6625, -18.5617, -17.4352

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.8120, -10.5982, -5.2687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6625, -18.5617, -17.4352 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(49, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(49, 153, 179)  
}
```

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(49, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 153, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6625, -18.5617, -17.4352 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(49, 153, 179) }
```


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

```
.border{ border-color:rgb(49, 153, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(49, 153,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6625, -18.5617, -17.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 153, 179) }
```

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

```
.background{ background-color: rgb(49, 153,  
179) }
```

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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