

Converting Colors

HunterLab(51.1658, -18.5752,
-9.0868)

Have a look what the booklet for
HunterLab(51.1658, -18.5752,
-9.0868) contains.

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Color

**HunterLab(51.1049,
-18.6134, -9.0352)**

Conversions

Conversions Part 1

Format	Color
Hex	4797A3
RGB	71, 151, 163
RGB Percent	28%, 59%, 64%
CMY	0.7216, 0.4078, 0.3608
CMYK	0.56, 0.07, 0.00, 0.36
HSL	188°, 39%, 46%
HSV	188°, 56%, 64%
XYZ	20.2760, 26.1171, 38.6227
YIQ	128.4480, -51.5320, -13.2280

Conversions

Conversions Part 2

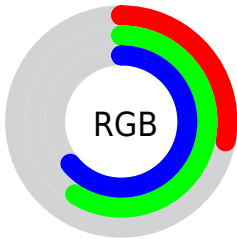
Format	Color
R_{YB}	71, 114, 163
Decimal	4691875
CIE _{Lab}	58.15, -20.85, -13.73
CIE _{LCh}	58, 24.964, 213.377
Yxy	26.1181, 0.2385, 0.3072
Android (android.graphics.Color)	4282881955 (0xFF4797A3)
YUV	128.4480, 17.0341, -50.3819
Hunter-Lab	51.1049, -18.6134, -9.0352

Details

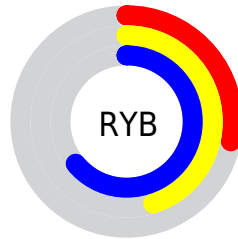
The HunterLab color $51.1049, -18.6134, -9.0352$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $37.9849, 24.3878, 14.5272$, and the grayscale version is $46.5875, -2.4858, 2.5312$.

A 20% lighter version of the original color is $72.9634, -21.9057, -9.3232$, and $32.0344, -14.6793, -8.3519$ is the 20% darker color. If you saturate the color by 10%, you get $49.9040, -19.7355, -10.7628$, and if you desaturate by 10%, it is $52.4498, -16.9762, -7.1476$.

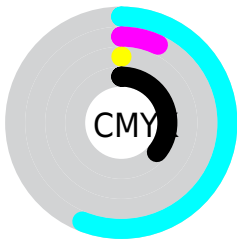
Distribution



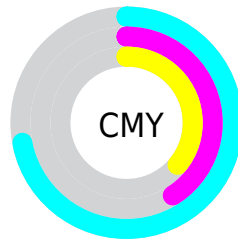
- Red (28%)
- Green (59%)
- Blue (64%)



- Red (28%)
- Yellow (45%)
- Blue (64%)



- Cyan (56%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (72%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1049, -18.6134, -9.0352 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 51.1049, -18.6134, -9.0352 by changing the saturation by 10% instead.

■ 51.1049, -18.6134,
-9.0352

■ 51.1049, -18.6134,
-9.0352

168.3334,
-33.4986, -7.4379

■ 41.1242, -16.8177,
-8.9305

■ 73.1200, -22.0584,
-9.0437

■ 31.8932, -14.9460,
-8.7528

■ 85.0737, -23.7326,
-8.9594

■ 23.4798, -12.9641,
-8.4961

■ 97.6160, -25.3857,
-8.8215

■ 15.9727, -10.8135,
-8.1606

■ 110.7204,
-27.0235, -8.6335

■ 9.4986, -10.0726,
-7.7728

■ 124.3638,
-28.6506, -8.3986

0.0000, NaN, -NF

0.0000, NaN, NaN

138.5257,

-30.2703, -8.1196

0.0000, NaN, NaN

153.1877,
-31.8856, -7.7986

0.0000, NaN, NaN

■ 51.1049, -18.6134,
-9.0352

■ 51.1049, -18.6134,
-9.0352

■ 49.9040, -19.7355,
-10.7628

■ 52.4498, -16.9762,
-7.1476

■ 48.8406, -20.3429,
-12.3249

■ 53.9363, -14.8365,
-5.1147

■ 47.9086, -20.4552,
-13.7195

■ 55.5638, -12.2179,
-2.9502

■ 47.0920, -20.1302,
-14.9607

■ 57.3292, -9.1512,
-0.6700

■ 46.8120, -19.9746,
-15.3915

■ 59.2282, -5.6714,
1.7099

■ 61.2553, -1.8154,
4.1744

■ 63.4050, 2.3797,
6.7096

■ 65.6711, 6.8781,
9.3028

■ 68.0475, 11.6460,
11.9432

Harmonies

Analogous

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



51.1059, -21.4716, 1.6301



51.1049, -18.6134, -9.0352



51.1059, -11.5193, -17.6884

Triad

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



51.1059, -18.6136, -9.0344



51.1059, 16.7317, -6.6592



51.1059, -3.9210, 18.5592

Complementary

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



51.1049, -18.6134, -9.0352



37.9849, 24.3878, 14.5272

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.



51.1059, 6.6974, 17.2195



51.1049, -18.6134, -9.0352



51.1059, 19.1753, 3.9073

Square

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



51.1059, -18.6136, -9.0344



51.1059, 8.9353, -16.1330



51.1059, 15.3677, 12.3135



51.1059, -13.4339, 16.4329

Rectangle

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



51.1049, -18.6134, -9.0352



51.1059, -5.0519, -20.3815



51.1059, 15.3677, 12.3135



51.1059, -0.3651, 18.4973

Sweetspot

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



51.1059, -18.6136, -9.0344



76.5065, -12.6289, -1.1696



53.0468, -34.9238, 23.2122



36.0407, -6.3691, -0.8318



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.1059, -18.6136, -9.0344



66.3638, -26.7094, -15.0160



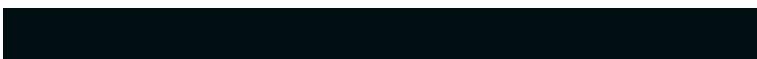
37.8786, 1.5321, -30.8702



28.0231, -3.1975, 0.4907



41.3250, -17.6821, -13.4821



6.3227, -2.9834, -1.4625

Inverse Universe

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



38.1157, 40.7469, -21.3444



46.7882, 65.8149, -33.8605



48.5912, 2.8600, 22.7171



26.8071, 1.8584, -0.4652



27.5102, 52.6245, -24.9549



4.0392, 7.8085, -4.2980

Previews

White Background



This preview shows how the HunterLab color 51.1049, -18.6134, -9.0352 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 51.1049, -18.6134, -9.0352 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

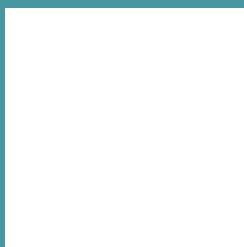
Any Text WCAG AAA × Fail

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

HunterLab 51.1049, -18.6134, -9.0352 Background



This preview shows how black text looks on a background with the HunterLab color 51.1049, -18.6134, -9.0352.



This preview shows how white text looks on a background with the HunterLab color 51.1049,

-18.6134, -9.0352.

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

51.1049, -18.6134, -9.0352

Protanopia

50.8546, -0.1172, -4.8198

Deuteranopia

50.8433, 3.4791, -10.6795



Tritanopia

51.1049, -18.6134, -9.0352

Trichromacy



Original Color

51.1049, -18.6134, -9.0352

Protanomaly

50.6204, -8.1730, -6.8389

Deuteranomaly

50.3426, -5.6412, -11.0019

Tritanomaly

51.1049, -18.6134, -9.0352

Monochromacy



Original Color

51.1049, -18.6134, -9.0352

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.5996, -9.5163, -2.2242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1049, -18.6134, -9.0352 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(71, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(71, 151, 163)  
}
```

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(71, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 151, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1049, -18.6134, -9.0352 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(71, 151, 163) }
```


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

```
.border{ border-color:rgb(71, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(71, 151,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1049, -18.6134, -9.0352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 151, 163) }
```

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

```
.background{ background-color: rgb(71, 151,  
163) }
```

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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