

Converting Colors

HunterLab(50.7171, -18.4650,
-9.5790)

Have a look what the booklet for
HunterLab(50.7171, -18.4650,
-9.5790) contains.

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Color

**HunterLab(50.7171,
-18.4650, -9.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	4596A3
RGB	69, 150, 163
RGB Percent	27%, 59%, 64%
CMY	0.7294, 0.4118, 0.3608
CMYK	0.58, 0.08, 0.00, 0.36
HSL	188°, 41%, 45%
HSV	188°, 58%, 64%
XYZ	19.9714, 25.7222, 38.5626
YIQ	127.2630, -52.4490, -13.1290

Conversions

Conversions Part 2

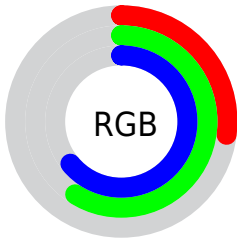
Format	Color
R _Y B	69, 113, 163
Decimal	4560547
CIE Lab	57.77, -20.73, -14.31
CIE LCh	58, 25.189, 214.612
Yxy	25.7232, 0.2370, 0.3053
Android (android.graphics.Color)	4282750627 (0xFF4596A3)
YUV	127.2630, 17.6183, -51.0967
Hunter-Lab	50.7171, -18.4650, -9.5790

Details

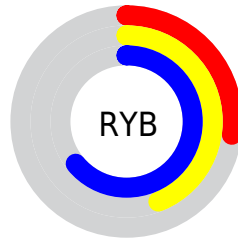
The HunterLab color $50.7171, -18.4650, -9.5790$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $37.7510, 24.7025, 14.8508$, and the grayscale version is $46.1206, -2.4609, 2.5058$.

A 20% lighter version of the original color is $72.5833, -21.6373, -9.8350$, and $31.7354, -14.3024, -8.7918$ is the 20% darker color. If you saturate the color by 10%, you get $49.4916, -19.4753, -11.3554$, and if you desaturate by 10%, it is $52.0863, -16.9395, -7.6444$.

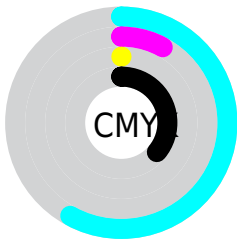
Distribution



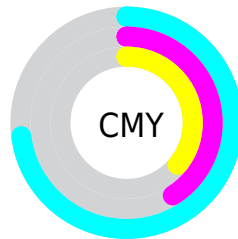
- Red (27%)
- Green (59%)
- Blue (64%)



- Red (27%)
- Yellow (44%)
- Blue (64%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (73%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7171, -18.4650, -9.5790 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 50.7171, -18.4650, -9.5790 by changing the saturation by 10% instead.

■ 50.7171, -18.4650,
-9.5790

■ 50.7171, -18.4650,
-9.5790

167.7560,
-33.3062, -8.1799

■ 40.7636, -16.6743,
-9.4492

■ 72.6829, -21.8998,
-9.6361

■ 31.5620, -14.8073,
-9.2462

■ 84.6140, -23.5688,
-9.5750

■ 23.1808, -12.8296,
-8.9650

■ 97.1346, -25.2169,
-9.4596

■ 15.7100, -10.6815,
-8.6084

■ 110.2184,
-26.8499, -9.2936

■ 9.2766, -10.2335,
-8.2146

■ 123.8419,
-28.4721, -9.0800

0.0000, NaN, -NF

0.0000, NaN, NaN

137.9846,

-30.0871, -8.8217

0.0000, NaN, NaN

152.6282,
-31.6977, -8.5209

0.0000, NaN, NaN

■ 50.7171, -18.4650,
-9.5790

■ 50.7171, -18.4650,
-9.5790

■ 49.4916, -19.4753,
-11.3554

■ 52.0863, -16.9395,
-7.6444

■ 48.4034, -19.9720,
-12.9679

■ 53.5969, -14.9109,
-5.5663

■ 47.4461, -19.9763,
-14.4143

■ 55.2482, -12.4025,
-3.3591

■ 46.5989, -19.5642,
-15.7164

■ 57.0371, -9.4446,
-1.0388

■ 46.4061, -19.4501,
-16.0163

■ 58.9590, -6.0723,
1.3787

■ 61.0087, -2.3221,
3.8780

■ 63.1803, 1.7688,
6.4452

■ 65.4678, 6.1649,
9.0678

■ 67.8649, 10.8324,
11.7352

Harmonies

Analogous

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



50.7181, -21.5245, 1.1714



50.7171, -18.4650, -9.5790



50.7181, -11.1817, -18.1448

Triad

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



50.7181, -18.4652, -9.5782



50.7181, 17.1187, -6.3074



50.7181, -4.3428, 18.5746

Complementary

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



50.7171, -18.4650, -9.5790



37.7510, 24.7025, 14.8508

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.



50.7181, 6.3594, 17.3779



50.7171, -18.4650, -9.5790



50.7181, 19.3254, 4.3002

Square

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



50.7181, -18.4652, -9.5782



50.7181, 9.4369, -16.0000



50.7181, 15.2418, 12.6138



50.7181, -13.8095, 16.3027

Rectangle

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



50.7171, -18.4650, -9.5790



50.7181, -4.6147, -20.6750



50.7181, 15.2418, 12.6138



50.7181, -0.7746, 18.5598

Sweetspot

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



50.7181, -18.4652, -9.5782



76.4169, -12.4900, -1.2787



52.9738, -35.2279, 23.1940



35.9935, -6.2964, -0.8896



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.



50.7181, -18.4652, -9.5782



65.8338, -26.3022, -15.7818



37.0189, 2.5428, -32.6418



28.0062, -3.1705, 0.4707



40.9704, -17.2244, -14.0270



6.2905, -2.9434, -1.5086

Inverse Universe

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



37.7432, 41.4851, -21.3445



46.4520, 66.3840, -33.4623



48.7799, 2.3411, 23.2547



26.8053, 1.8488, -0.4399



27.4566, 52.4362, -24.2413



4.0342, 7.7908, -4.2314

Previews

White Background



This preview shows how the HunterLab color 50.7171, -18.4650, -9.5790 looks on a white background.

Color Contrast Check

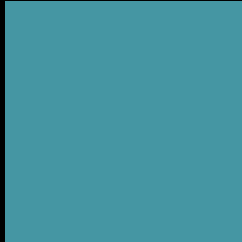
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7171, -18.4650, -9.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

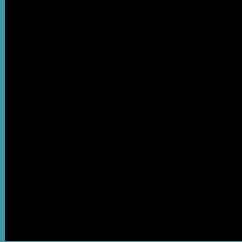
Any Text WCAG AA ✓ Pass

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 50.7171, -18.4650, -9.5790 Background



This preview shows how black text looks on a background with the HunterLab color 50.7171, -18.4650, -9.5790.



This preview shows how white text looks on a background with the HunterLab color 50.7171,

-18.4650, -9.5790.

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

50.7171, -18.4650, -9.5790

Protanopia

50.4897, 0.0818, -5.3024

Deuteranopia

50.3979, 3.4072, -11.3270



Tritanopia

50.6819, -18.6689, -9.0851

Trichromacy



Original Color

50.7171, -18.4650, -9.5790

Protanomaly

50.2587, -7.9465, -7.3305

Deuteranomaly

49.9175, -5.6401, -11.6209

Tritanomaly

50.6819, -18.6689, -9.0851

Monochromacy



Original Color

50.7171, -18.4650, -9.5790

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.2076, -9.4799, -2.2380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7171, -18.4650, -9.5790 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(69, 150, 163)` looks like.

```
.text, #text, p{  
    color:rgb(69, 150, 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(69, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 150, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7171, -18.4650, -9.5790 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(69, 150, 163) }
```


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

```
.border{ border-color:rgb(69, 150, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(69, 150,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7171, -18.4650, -9.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 150, 163) }
```

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

```
.background{ background-color: rgb(69, 150,  
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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