

Converting Colors

HunterLab(48.7775, -18.6521,
-5.3429)

Have a look what the booklet for
HunterLab(48.7775, -18.6521,
-5.3429) contains.

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Color

**HunterLab(48.7775,
-18.6521, -5.3429)**

Conversions

Conversions Part 1

Format	Color
Hex	479196
RGB	71, 145, 150
RGB Percent	28%, 57%, 59%
CMY	0.7216, 0.4314, 0.4118
CMYK	0.53, 0.03, 0.00, 0.41
HSL	184°, 36%, 43%
HSV	184°, 53%, 59%
XYZ	18.2290, 23.7924, 32.4858
YIQ	123.4440, -45.7090, -14.1330

Conversions

Conversions Part 2

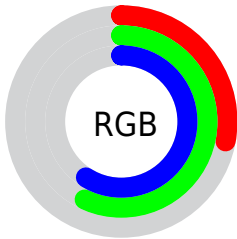
Format	Color
RYB	71, 109, 150
Decimal	4690326
CIELab	55.88, -21.48, -9.71
CIElCh	56, 23.574, 204.326
Yxy	23.7934, 0.2447, 0.3193
Android (android.graphics.Color)	4282880406 (0xFF479196)
YUV	123.4440, 13.0921, -45.9934
Hunter-Lab	48.7775, -18.6521, -5.3429

Details

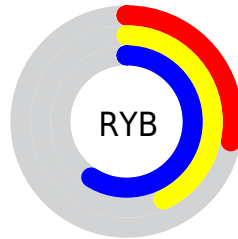
The HunterLab color $48.7775, -18.6521, -5.3429$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $34.7970, 22.7198, 11.6812$, and the grayscale version is $44.6425, -2.3820, 2.4255$.

A 20% lighter version of the original color is $70.4572, -22.1475, -5.0448$, and $29.8434, -14.8143, -5.3219$ is the 20% darker color. If you saturate the color by 10%, you get $47.9642, -20.2338, -6.4670$, and if you desaturate by 10%, it is $49.7228, -16.6001, -4.0582$.

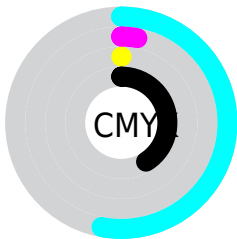
Distribution



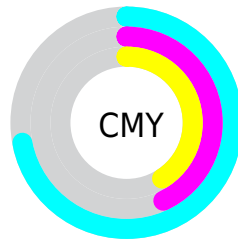
- Red (28%)
- Green (57%)
- Blue (59%)



- Red (28%)
- Yellow (43%)
- Blue (59%)



- Cyan (53%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (72%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7775, -18.6521, -5.3429 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 48.7775, -18.6521, -5.3429 by changing the saturation by 10% instead.

■ 48.7775, -18.6521,
-5.3429

■ 48.7775, -18.6521,
-5.3429

164.8557,
-33.8493, -2.5258

■ 38.9620, -16.8001,
-5.3913

■ 70.4931, -22.1894,
-5.0552

■ 29.9100, -14.8612,
-5.3679

■ 82.3092, -23.9026,
-4.8283

■ 21.6934, -12.7960,
-5.2632

■ 94.7204, -25.5914,
-4.5517

■ 14.4078, -10.5343,
-5.0676

■ 107.6994,
-27.2621, -4.2287

■ 8.0684, -12.0321,
-5.0272

■ 121.2224,
-28.9198, -3.8622

0.0000, NaN, -NF

0.0000, NaN, NaN

135.2683,

-30.5683, -3.4548

0.0000, NaN, NaN

149.8184,
-32.2106, -3.0087

0.0000, NaN, NaN

■ 48.7775, -18.6521,
-5.3429

■ 48.7775, -18.6521,
-5.3429

■ 47.9642, -20.2338,
-6.4670

■ 49.7228, -16.6001,
-4.0582

■ 47.2756, -21.3470,
-7.4304

■ 50.7992, -14.0866,
-2.6219

■ 46.7054, -22.0095,
-8.2351

■ 52.0078, -11.1314,
-1.0428

■ 46.2426, -22.2574,
-8.8912

■ 53.3470, -7.7611,
0.6672

■ 45.9429, -22.2851,
-9.3176

■ 54.8141, -4.0073,
2.4953

■ 56.4052, 0.0958,
4.4280

■ 58.1159, 4.5128,
6.4522

■ 59.9411, 9.2092,
8.5554

■ 61.8755, 14.1518,
10.7262

Harmonies

Analogous

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



48.7784, -20.0155, 4.3985



48.7775, -18.6521, -5.3429



48.7784, -13.1399, -14.3142

Triad

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



48.7784, -18.6524, -5.3422



48.7784, 13.7080, -9.0296



48.7784, -0.7236, 17.3655

Complementary

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



48.7775, -18.6521, -5.3429



34.7970, 22.7198, 11.6812

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.



48.7784, 8.9068, 15.1132



48.7775, -18.6521, -5.3429



48.7784, 17.6513, 0.8449

Square

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



48.7784, -18.6524, -5.3422



48.7784, 5.4225, -16.7211



48.7784, 15.8285, 9.4925



48.7784, -10.1453, 16.3552

Rectangle

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



48.7775, -18.6521, -5.3429



48.7784, -7.6045, -18.0082



48.7784, 15.8285, 9.4925



48.7784, 2.6037, 16.9813

Sweetspot

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



48.7784, -18.6524, -5.3422



70.1989, -12.0060, 0.0379



48.6417, -30.9078, 21.3280



32.8924, -6.0407, -0.1790



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



48.7784, -18.6524, -5.3422



63.5624, -27.1536, -8.8071



37.3686, -1.7923, -22.7865



25.4952, -3.0775, 0.6105



41.8610, -20.3207, -8.4561



4.7934, -2.4455, -0.7121

Inverse Universe

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



36.1047, 35.4109, -21.1247



44.2584, 57.1178, -34.0158



43.6761, 4.4212, 18.8972



24.2959, 1.7079, -0.5865



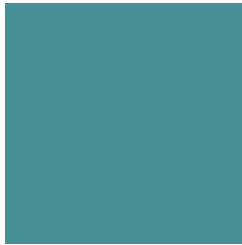
26.3863, 51.1926, -29.5023



2.9455, 5.7551, -3.6071

Previews

White Background



This preview shows how the HunterLab color 48.7775, -18.6521, -5.3429 looks on a white background.

Color Contrast Check

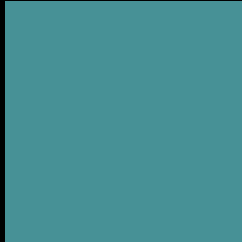
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7775, -18.6521, -5.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

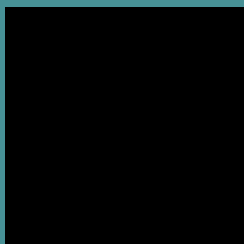
Any Text WCAG AA ✓ Pass

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 48.7775, -18.6521, -5.3429 Background



This preview shows how black text looks on a background with the HunterLab color 48.7775, -18.6521, -5.3429.



This preview shows how white text looks on a background with the HunterLab color 48.7775,

-18.6521, -5.3429.

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

48.7775, -18.6521, -5.3429

Protanopia

48.4170, -0.6481, -1.5152

Deuteranopia

48.5629, 3.4103, -6.8101



Tritanopia

48.7476, -16.7548, -8.5098

Trichromacy



Original Color

48.7775, -18.6521, -5.3429

Protanomaly

48.2189, -8.5434, -3.3759

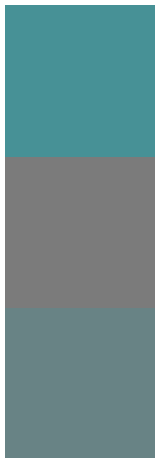
Deuteranomaly

48.0683, -5.6113, -7.1194

Tritanomaly

48.6388, -17.3035, -7.5986

Monochromacy



Original Color

48.7775, -18.6521, -5.3429

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.6827, -9.3818, -0.8148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7775, -18.6521, -5.3429 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, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(71, 145, 150)  
}
```

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, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 145, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7775, -18.6521, -5.3429 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, 145, 150) }
```


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

```
.border{ border-color:rgb(71, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(71, 145,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7775, -18.6521, -5.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 145, 150) }
```

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

```
.background{ background-color: rgb(71, 145,  
150) }
```

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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