

Converting Colors

HunterLab(48.8907, -18.4314,
-8.8715)

Have a look what the booklet for
HunterLab(48.8907, -18.4314,
-8.8715) contains.

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Color

**HunterLab(48.7597,
-18.2432, -9.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	40919D
RGB	64, 145, 157
RGB Percent	25%, 57%, 62%
CMY	0.7490, 0.4314, 0.3843
CMYK	0.59, 0.08, 0.00, 0.38
HSL	188°, 42%, 43%
HSV	188°, 59%, 62%
XYZ	18.3255, 23.7751, 35.5215
YIQ	122.1490, -52.1280, -13.4400

Conversions

Conversions Part 2

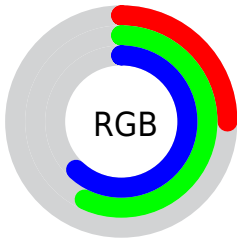
Format	Color
RYB	64, 107, 157
Decimal	4231581
CIELab	55.86, -20.90, -13.78
CIElCh	56, 25.032, 213.402
Yxy	23.7760, 0.2361, 0.3063
Android (android.graphics.Color)	4282421661 (0xFF40919D)
YUV	122.1490, 17.1815, -50.9967
Hunter-Lab	48.7597, -18.2432, -9.0610

Details

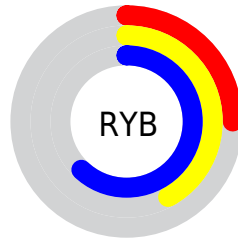
The HunterLab color $48.7597, -18.2432, -9.0610$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $35.6479, 24.8185, 14.3321$, and the grayscale version is $44.1244, -2.3544, 2.3974$.

A 20% lighter version of the original color is $70.4736, -21.5273, -9.3542$, and $30.0766, -13.4390, -8.5822$ is the 20% darker color. If you saturate the color by 10%, you get $47.6530, -19.1960, -10.6610$, and if you desaturate by 10%, it is $50.0031, -16.7977, -7.3055$.

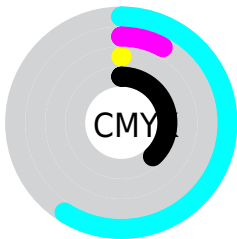
Distribution



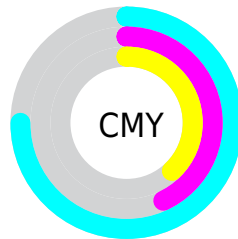
- Red (25%)
- Green (57%)
- Blue (62%)



- Red (25%)
- Yellow (42%)
- Blue (62%)



- Cyan (59%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7597, -18.2432, -9.0610 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 48.7597, -18.2432, -9.0610 by changing the saturation by 10% instead.

■ 48.7597, -18.2432,
-9.0610

■ 48.7597, -18.2432,
-9.0610

164.8290,
-33.1866, -7.5819

■ 38.9455, -16.4291,
-8.9382

■ 70.4730, -21.7128,
-9.1020

■ 29.8949, -14.5322,
-8.7409

■ 82.2880, -23.3953,
-9.0322

■ 21.6798, -12.5142,
-8.4641

■ 94.6982, -25.0552,
-8.9079

■ 14.3959, -10.3074,
-8.1110

■ 107.6762,
-26.6984, -8.7327

■ 8.0564, -11.7331,
-8.0219

■ 121.1983,
-28.3299, -8.5099

0.0000, NaN, -NF

0.0000, NaN, NaN

135.2433,

-29.9532, -8.2422

0.0000, NaN, NaN

149.7925,
-31.5713, -7.9322

0.0000, NaN, NaN

■ 48.7597, -18.2432,
-9.0610

■ 48.7597, -18.2432,
-9.0610

■ 47.6530, -19.1960,
-10.6610

■ 50.0031, -16.7977,
-7.3055

■ 46.6760, -19.6610,
-12.1019

■ 51.3817, -14.8684,
-5.4074

■ 45.8217, -19.6624,
-13.3838

■ 52.8956, -12.4751,
-3.3793

■ 45.0610, -19.3091,
-14.5431

■ 54.5419, -9.6456,
-1.2360

■ 45.0034, -19.2793,
-14.6318

■ 56.3170, -6.4122,
1.0074

■ 58.2161, -2.8097,
3.3361

■ 60.2337, 1.1265,
5.7365

■ 62.3643, 5.3618,
8.1963

■ 64.6021, 9.8634,
10.7044

Harmonies

Analogous

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



48.7606, -21.0532, 1.5084



48.7597, -18.2432, -9.0610



48.7606, -11.2629, -17.6727

Triad

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



48.7606, -18.2434, -9.0602



48.7606, 16.6560, -6.6837



48.7606, -3.7888, 18.1165

Complementary

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



48.7597, -18.2432, -9.0610



35.6479, 24.8185, 14.3321

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.



48.7606, 6.7040, 16.8175



48.7597, -18.2432, -9.0610



48.7606, 19.0746, 3.7728

Square

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



48.7606, -18.2434, -9.0602



48.7606, 8.9351, -16.1104



48.7606, 15.2938, 12.0323



48.7606, -13.1614, 16.0462

Rectangle

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



48.7597, -18.2432, -9.0610



48.7606, -4.8874, -20.3560



48.7606, 15.2938, 12.0323



48.7606, -0.2785, 18.0573

Sweetspot

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



48.7606, -18.2434, -9.0602



73.1938, -12.5457, -1.3930



50.7054, -34.3919, 22.8894



34.0430, -6.4007, -1.0278



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



48.7606, -18.2434, -9.0602



63.3428, -25.9531, -14.8945



35.4576, 2.0065, -31.4551



27.1355, -3.0929, 0.4834



40.6039, -17.4345, -13.1152



5.7585, -2.7463, -1.2692

Inverse Universe

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



35.8886, 40.8946, -21.4267



44.1563, 65.2799, -33.5106



46.1508, 3.2075, 22.2618



25.9612, 1.7850, -0.4454



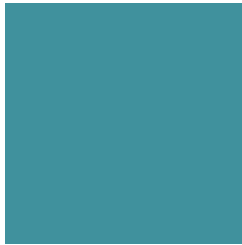
26.9936, 51.6536, -24.6199



3.6606, 7.0859, -3.9675

Previews

White Background



This preview shows how the HunterLab color 48.7597, -18.2432, -9.0610 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 48.7597, -18.2432, -9.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

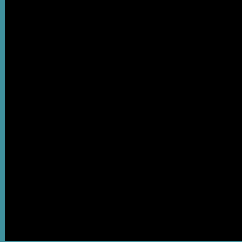
Any Text WCAG AA ✓ Pass

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 48.7597, -18.2432, -9.0610 Background



This preview shows how black text looks on a background with the HunterLab color 48.7597, -18.2432, -9.0610.



This preview shows how white text looks on a background with the HunterLab color 48.7597, -18.2432, -9.0610.

-18.2432, -9.0610.

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

48.7597, -18.2432, -9.0610

Protanopia

48.4745, -0.0032, -4.9082

Deuteranopia

48.4664, 3.5775, -10.7575



Tritanopia

48.7597, -18.2432, -9.0610

Trichromacy



Original Color

48.7597, -18.2432, -9.0610

Protanomaly

48.2536, -7.9570, -6.9056

Deuteranomaly

47.9784, -5.4378, -11.0653

Tritanomaly

48.7597, -18.2432, -9.0610

Monochromacy



Original Color

48.7597, -18.2432, -9.0610

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.2562, -9.2965, -2.3057

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7597, -18.2432, -9.0610 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(64, 145, 157)` looks like.

```
.text, #text, p{  
    color:rgb(64, 145, 157)  
}
```

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(64, 145, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 145, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7597, -18.2432, -9.0610 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(64, 145, 157) }
```


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

```
.border{ border-color:rgb(64, 145, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 145, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 145, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 145, 157);  
box-shadow:4px 4px 4px 4px rgb(64, 145,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7597, -18.2432, -9.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 145, 157) }
```

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

```
.background{ background-color: rgb(64, 145,  
157) }
```

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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