

Converting Colors

HunterLab(48.8029, -11.3561,
-19.3557)

Have a look what the booklet for
HunterLab(48.8029, -11.3561,
-19.3557) contains.

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Color

**HunterLab(48.9255,
-11.5112, -19.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8EAF
RGB	75, 142, 175
RGB Percent	29%, 56%, 69%
CMY	0.7059, 0.4431, 0.3137
CMYK	0.57, 0.19, 0.00, 0.31
HSL	200°, 40%, 49%
HSV	200°, 57%, 69%
XYZ	20.3126, 23.9370, 44.1073
YIQ	125.7290, -50.5250, -3.9410

Conversions

Conversions Part 2

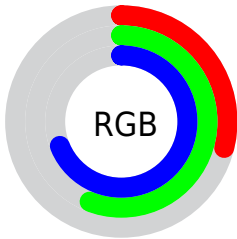
Format	Color
R_{YB}	75, 115, 175
Decimal	4951727
CIE _{Lab}	56.03, -11.51, -23.80
CIE _{LCh}	56, 26.441, 244.183
Yxy	23.9379, 0.2299, 0.2709
Android (android.graphics.Color)	4283141807 (0xFF4B8EAF)
YUV	125.7290, 24.2906, -44.4893
Hunter-Lab	48.9255, -11.5112, -19.2032

Details

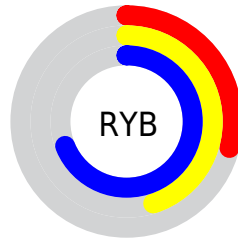
The HunterLab color $48.9255, -11.5112, -19.2032$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $45.1089, 17.2667, 19.3477$, and the grayscale version is $45.4940, -2.4274, 2.4718$.

A 20% lighter version of the original color is $70.7635, -14.0478, -19.9853$, and $30.0989, -9.1436, -17.8827$ is the 20% darker color. If you saturate the color by 10%, you get $46.5321, -11.2679, -23.2024$, and if you desaturate by 10%, it is $51.4846, -11.1973, -15.1783$.

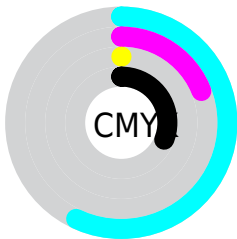
Distribution



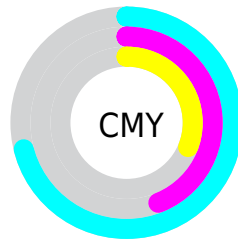
- Red (29%)
- Green (56%)
- Blue (69%)



- Red (29%)
- Yellow (45%)
- Blue (69%)



- Cyan (57%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



- Cyan (71%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9255, -11.5112, -19.2032 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 48.9255, -11.5112, -19.2032 by changing the saturation by 10% instead.

■ 48.9255, -11.5112,
-19.2032

■ 48.9255, -11.5112,
-19.2032

165.0777,
-22.4430, -20.6415

■ 39.0993, -10.2957,
-18.7554

■ 70.6604, -13.9142,
-19.9167

■ 30.0358, -9.0580,
-18.2591

■ 82.4853, -15.1132,
-20.1828

■ 21.8064, -7.7810,
-17.7425

■ 94.9050, -16.3155,
-20.3905

■ 14.5064, -6.4343,
-17.2917

■ 107.8920,
-17.5235, -20.5423

■ 8.1674, -6.5796,
-17.5772

■ 121.4228,
-18.7391, -20.6409

0.0000, NaN, -NF

0.0000, NaN, NaN

135.4762,

-19.9635, -20.6887

0.0000, NaN, NaN

150.0334,
-21.1979, -20.6881

0.0000, NaN, NaN

■ 48.9255, -11.5112,
-19.2032

■ 48.9255, -11.5112,
-19.2032

■ 46.5321, -11.2679,
-23.2024

■ 51.4846, -11.1973,
-15.1783

■ 44.3083, -10.4386,
-27.1519

■ 54.1980, -10.3658,
-11.1534

■ 42.2577, -9.0148,
-31.0240

■ 57.0571, -9.0614,
-7.1455

■ 40.3706, -7.0412,
-34.8124

■ 60.0522, -7.3298,
-3.1676

■ 39.8450, -6.4350,
-35.9113

■ 63.1737, -5.2151,
0.7715

■ 66.4126, -2.7583,
4.6667

■ 69.7605, 0.0032,
8.5156

■ 73.2095, 3.0361,
12.3179

■ 76.7525, 6.3110,
16.0747

Harmonies

Analogous

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



48.9264, -18.9512, -10.0825



48.9255, -11.5112, -19.2032



48.9264, -1.0564, -22.0341

Triad

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



48.9264, -11.5112, -19.2023



48.9264, 20.3870, 4.1123



48.9264, -13.9683, 16.5862

Complementary

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



48.9255, -11.5112, -19.2032



45.1089, 17.2667, 19.3477

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.



48.9264, -4.1508, 18.8145



48.9255, -11.5112, -19.2032



48.9264, 16.1970, 12.6968

Square

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



48.9264, -11.5112, -19.2023



48.9264, 17.9802, -6.9630



48.9264, 6.9700, 17.5664



48.9264, -20.2791, 10.6600

Rectangle

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



48.9255, -11.5112, -19.2032



48.9264, 6.3820, -19.5481



48.9264, 6.9700, 17.5664



48.9264, -11.0021, 17.7247

Sweetspot

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



48.9264, -11.5112, -19.2023



80.3026, -9.8488, -4.3205



57.6290, -36.2119, 20.6593



37.4824, -4.8760, -2.5261



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.9264, -11.5112, -19.2023



61.3393, -14.8250, -32.6727



35.3261, 11.8713, -46.0953



29.3596, -2.6788, -0.0351



33.8901, -5.7116, -30.0299



6.4346, -2.0966, -3.5167

Inverse Universe

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



40.1248, 41.3464, -12.3673



48.8400, 66.7152, -18.1433



57.9863, -6.2003, 28.8151



28.4648, 1.7521, 0.1688



27.3176, 50.2073, -8.8992



4.6598, 8.7435, -2.9064

Previews

White Background



This preview shows how the HunterLab color 48.9255, -11.5112, -19.2032 looks on a white background.

Color Contrast Check

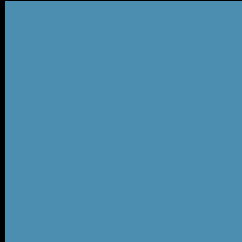
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9255, -11.5112, -19.2032 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

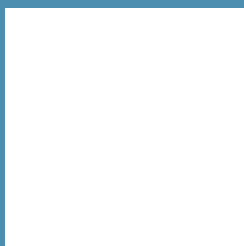
Any Text WCAG AAA × Fail

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

HunterLab 48.9255, -11.5112, -19.2032 Background



This preview shows how black text looks on a background with the HunterLab color 48.9255, -11.5112, -19.2032.



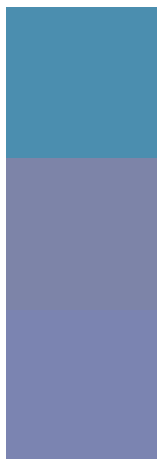
This preview shows how white text looks on a background with the HunterLab color 48.9255, -11.5112, -19.2032.

-11.5112, -19.2032.

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

48.9255, -11.5112, -19.2032

Protanopia

48.6720, 2.0224, -15.1006

Deuteranopia

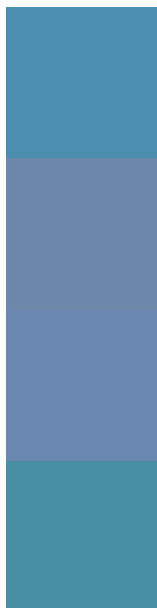
48.8752, 3.4186, -20.2820



Tritanopia

48.9020, -17.7035, -8.8510

Trichromacy



Original Color

48.9255, -11.5112, -19.2032

Protanomaly

48.6563, -3.6390, -17.0301

Deuteranomaly

48.7925, -2.7649, -19.8940

Tritanomaly

48.9555, -15.4010, -12.6396

Monochromacy



Original Color

48.9255, -11.5112, -19.2032

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.5209, -7.1709, -5.0875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9255, -11.5112, -19.2032 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(75, 142, 175)` looks like.

```
.text, #text, p{  
    color:rgb(75, 142, 175)  
}
```

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(75, 142, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 142, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9255, -11.5112, -19.2032 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(75, 142, 175) }
```


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

```
.border{ border-color:rgb(75, 142, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 142, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 142, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 142, 175);  
box-shadow:4px 4px 4px 4px rgb(75, 142,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9255, -11.5112, -19.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 142, 175) }
```

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

```
.background{ background-color: rgb(75, 142,  
175) }
```

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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