

Converting Colors

HunterLab(48.6408, -19.9842,
0.5357)

Have a look what the booklet for
HunterLab(48.6408, -19.9842,
0.5357) contains.

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Color

**HunterLab(48.6452,
-19.9109, 0.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	4D918A
RGB	77, 145, 138
RGB Percent	30%, 57%, 54%
CMY	0.6980, 0.4314, 0.4588
CMYK	0.47, 0.00, 0.05, 0.43
HSL	174°, 31%, 44%
HSV	174°, 47%, 57%
XYZ	17.7734, 23.6636, 27.6755
YIQ	123.8700, -38.2810, -16.5930

Conversions

Conversions Part 2

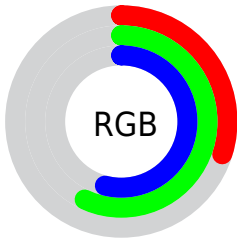
Format	Color
R_{YB}	77, 113, 145
Decimal	5083530
CIE _{Lab}	55.75, -23.34, -2.98
CIE _{LCh}	56, 23.533, 187.283
Yxy	23.6645, 0.2572, 0.3424
Android (android.graphics.Color)	4283273610 (0xFF4D918A)
YUV	123.8700, 6.9661, -41.1050
Hunter-Lab	48.6452, -19.9109, 0.3200

Details

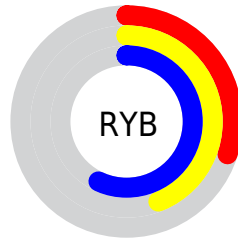
The HunterLab color $48.6452, -19.9109, 0.3200$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $34.5951, 21.6623, 7.3205$, and the grayscale version is $44.8296, -2.3920, 2.4357$.

A 20% lighter version of the original color is $70.2526, -23.7649, 1.2746$, and $29.7463, -15.8553, -0.3502$ is the 20% darker color. If you saturate the color by 10%, you get $48.0459, -22.3182, 0.2371$, and if you desaturate by 10%, it is $49.3760, -17.0474, 0.5686$.

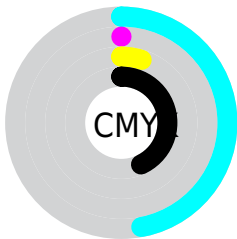
Distribution



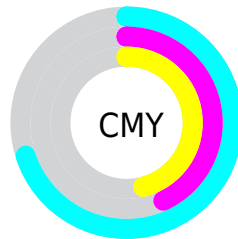
- Red (30%)
- Green (57%)
- Blue (54%)



- Red (30%)
- Yellow (44%)
- Blue (57%)



- Cyan (47%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6452, -19.9109, 0.3200 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 48.6452, -19.9109, 0.3200 by changing the saturation by 10% instead.

■ 48.6452, -19.9109,
0.3200

■ 48.6452, -19.9109,
0.3200

164.6572,
-35.9248, 5.5147

■ 38.8393, -17.9354,
-0.0533

■ 70.3435, -23.6671,
1.2110

■ 29.7977, -15.8598,
-0.3728

■ 82.1517, -25.4791,
1.7198

■ 21.5925, -13.6396,
-0.6306

■ 94.5553, -27.2610,
2.2673

■ 14.3197, -11.1966,
-0.8158

■ 107.5271,
-29.0202, 2.8511

■ 7.9787, -13.1747,
-1.1156

■ 121.0432,
-30.7622, 3.4693

0.0000, NaN, NaN

0.0000, NaN, NaN

135.0825,

-32.4915, 4.1203

0.0000, NaN, NaN

149.6261,
-34.2114, 4.8025

0.0000, NaN, NaN

■ 48.6452, -19.9109,
0.3200

■ 48.6452, -19.9109,
0.3200

■ 48.0459, -22.3182,
0.2371

■ 49.3760, -17.0474,
0.5686

■ 47.5707, -24.2660,
0.3125

■ 50.2381, -13.7398,
0.9822

■ 47.2135, -25.7659,
0.5374

■ 51.2330, -10.0111,
1.5594

■ 46.9647, -26.8448,
0.8975

■ 52.3599, -5.8909,
2.2952

■ 46.8047, -27.5722,
1.3658

■ 53.6166, -1.4133,
3.1821

■ 46.7603, -27.7772,
1.5167

■ 54.9999, 3.3851,
4.2111

■ 56.5056, 8.4668,
5.3719

■ 58.1291, 13.7955,
6.6536

■ 59.8652, 19.3364,
8.0453

Harmonies

Analogous

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



48.6462, -18.7856, 9.0731



48.6452, -19.9109, 0.3200



48.6462, -16.6992, -9.5075

Triad

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



48.6462, -19.9113, 0.3207



48.6462, 9.3484, -13.8790



48.6462, 4.8933, 16.4485

Complementary

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



48.6452, -19.9109, 0.3200



34.5951, 21.6623, 7.3205

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.



48.6462, 13.3178, 12.3014



48.6452, -19.9109, 0.3200



48.6462, 16.0287, -4.7941

Square

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



48.6462, -19.9113, 0.3207



48.6462, -0.1867, -18.6951



48.6462, 17.5359, 4.8656



48.6462, -4.9637, 17.2819

Rectangle

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



48.6452, -19.9109, 0.3200



48.6462, -12.3681, -14.9730



48.6462, 17.5359, 4.8656



48.6462, 8.0091, 15.4421

Sweetspot

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



48.6462, -19.9113, 0.3207



68.9359, -12.0099, 2.3231



47.6610, -26.4576, 20.1704



32.3815, -6.1534, 1.0120



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



48.6462, -19.9113, 0.3207



64.2757, -29.9452, 0.3172



40.9887, -7.4480, -13.6238



24.7121, -3.2539, 1.0031



43.3083, -25.7098, 1.3684



4.2557, -2.3877, -0.1649

Inverse Universe

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



34.5951, 21.6623, 7.3205



42.1637, 36.3843, 11.7573



40.3362, 8.5108, 14.6829



23.3078, 0.7967, 1.6565



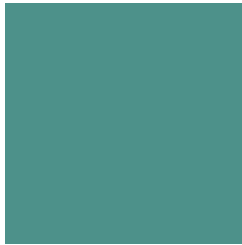
22.7922, 39.1704, 13.6572



2.2603, 3.9473, 0.8686

Previews

White Background



This preview shows how the HunterLab color 48.6452, -19.9109, 0.3200 looks on a white background.

Color Contrast Check

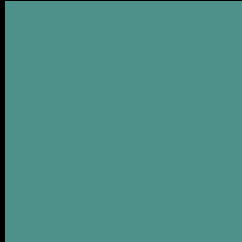
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6452, -19.9109, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

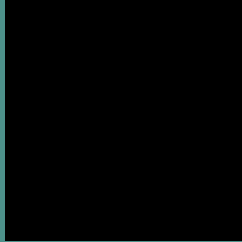
Any Text WCAG AA ✓ Pass

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 48.6452, -19.9109, 0.3200 Background



This preview shows how black text looks on a background with the HunterLab color 48.6452, -19.9109, 0.3200.



This preview shows how white text looks on a background with the HunterLab color 48.6452, -19.9109, 0.3200.

-19.9109, 0.3200.

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

48.6452, -19.9109, 0.3200

Protanopia

48.3482, -1.5350, 3.4328

Deuteranopia

48.3471, 3.3127, -1.0537



Tritanopia

48.7564, -15.2698, -7.4006

Trichromacy



Original Color

48.6452, -19.9109, 0.3200

Protanomaly

48.2259, -9.1882, 1.8270

Deuteranomaly

48.0343, -6.5096, -1.1402

Tritanomaly

48.7751, -17.1887, -4.3028

Monochromacy



Original Color

48.6452, -19.9109, 0.3200

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.0579, -9.7673, 1.4740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6452, -19.9109, 0.3200 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(77, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(77, 145, 138)  
}
```

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(77, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 145, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6452, -19.9109, 0.3200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

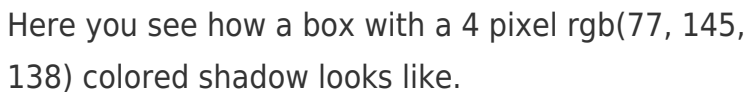
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 145, 138) }
```


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

```
.border{ border-color:rgb(77, 145, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(77, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 145, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 145, 138); box-shadow:4px 4px 4px 4px rgb(77, 145, 138) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6452, -19.9109, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 145, 138) }
```

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

```
.background{ background-color: rgb(77, 145,  
138) }
```

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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