

Converting Colors

HunterLab(49.6583, -11.9219,
-30.5480)

Have a look what the booklet for
HunterLab(49.6583, -11.9219,
-30.5480) contains.

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Color

**HunterLab(49.6583,
-11.9219, -30.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	2B91C2
RGB	43, 145, 194
RGB Percent	17%, 57%, 76%
CMY	0.8313, 0.4314, 0.2392
CMYK	0.78, 0.25, 0.00, 0.24
HSL	199°, 64%, 46%
HSV	199°, 78%, 76%
XYZ	20.8593, 24.6595, 54.6994
YIQ	120.0880, -76.5210, -6.3850

Conversions

Conversions Part 2

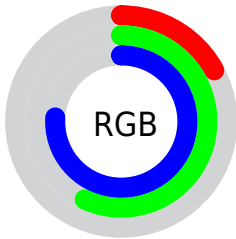
Format	Color
R_{YB}	43, 104, 194
Decimal	2855362
CIE _{Lab}	56.74, -11.95, -33.57
CIE _{LCh}	57, 35.635, 250.410
Yxy	24.6603, 0.2081, 0.2461
Android (android.graphics.Color)	4281045442 (0xFF2B91C2)
YUV	120.0880, 36.4386, -67.6062
Hunter-Lab	49.6583, -11.9219, -30.5480

Details

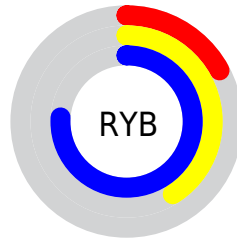
The HunterLab color **49.6583, -11.9219, -30.5480** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **43.9321, 30.8428, 24.5246**, and the grayscale version is **43.2587, -2.3082, 2.3503**.

A 20% lighter version of the original color is **71.5482, -14.4602, -31.7958**, and **31.7457, -5.9289, -26.8806** is the 20% darker color. If you saturate the color by 10%, you get **47.3970, -10.2774, -34.8205**, and if you desaturate by 10%, it is **52.1169, -12.8927, -26.1758**.

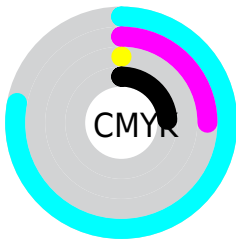
Distribution



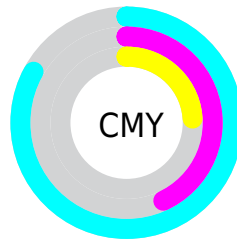
- Red (17%)
- Green (57%)
- Blue (76%)



- Red (17%)
- Yellow (41%)
- Blue (76%)



- Cyan (78%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6583, -11.9219, -30.5480 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 49.6583, -11.9219, -30.5480 by changing the saturation by 10% instead.

■ 49.6583, -11.9219,
-30.5480

■ 49.6583, -11.9219,
-30.5480

166.1752,
-23.0379, -34.2520

■ 39.7796, -10.6804,
-29.9314

■ 71.4882, -14.3717,
-31.7074

■ 30.6591, -9.4154,
-29.3412

■ 83.3568, -15.5927,
-32.2229

■ 22.3671, -8.1092,
-28.8715

■ 95.8180, -16.8161,
-32.6882

■ 14.9965, -6.7312,
-28.7631

■ 108.8448,
-18.0443, -33.1019

■ 8.6399, -6.4874,
-29.9642

■ 122.4137,
-19.2793, -33.4641

0.0000, NaN, -NF

0.0000, NaN, -NF

136.5039,

-20.5226, -33.7756

0.0000, NaN, NaN

151.0966,
-21.7751, -34.0377

0.0000, NaN, NaN

■ 49.6583, -11.9219,
-30.5480

■ 49.6583, -11.9219,
-30.5480

■ 47.3970, -10.2774,
-34.8205

■ 52.1169, -12.8927,
-26.1758

■ 45.3170, -8.0203,
-38.9932

■ 54.7684, -13.1960,
-21.7363

■ 44.8769, -7.4961,
-39.9102

■ 57.6067, -12.8611,
-17.2591

■ 60.6226, -11.9315,
-12.7711

■ 63.8053, -10.4574,
-8.2942

■ 67.1440, -8.4909,
-3.8442

■ 70.6277, -6.0823,
0.5678

■ 74.2463, -3.2792,
4.9348

■ 77.9900, -0.1245,
9.2533

Harmonies

Analogous

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



49.6592, -22.6867, -18.4738



49.6583, -11.9219, -30.5480



49.6592, 2.6452, -32.3832

Triad

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



49.6592, -11.9215, -30.5470



49.6592, 28.8762, 7.3913



49.6592, -19.9354, 19.3331

Complementary

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



49.6583, -11.9219, -30.5480



43.9321, 30.8428, 24.5246

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.



49.6592, -7.7367, 22.7683



49.6583, -11.9219, -30.5480



49.6592, 21.1676, 17.3547

Square

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



49.6592, -11.9215, -30.5470



49.6592, 27.4115, -7.3597



49.6592, 7.3509, 22.1709



49.6592, -26.9209, 11.0202

Rectangle

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



49.6583, -11.9219, -30.5480



49.6592, 12.7404, -27.1100



49.6592, 7.3509, 22.1709



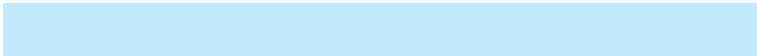
49.6592, -16.3722, 20.9666

Sweetspot

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



49.6592, -11.9215, -30.5470



87.8633, -12.9719, -8.4846



63.1270, -47.7848, 28.8031



40.3503, -6.5011, -5.0050

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6592, -11.9215, -30.5470



61.9150, -11.8819, -50.6056



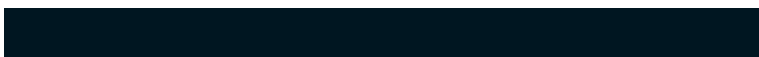
29.7935, 25.5574, -82.7640



32.9538, -3.0468, -0.0509



36.5993, -6.4044, -31.9208



8.3640, -2.4494, -5.1668

Inverse Universe

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



39.0417, 60.7169, -15.5622



49.3421, 88.6751, -17.5602



62.4762, -5.3953, 36.2330



31.9220, 2.0323, 0.1438



29.3845, 54.0438, -9.8647



6.2070, 11.5874, -3.4139

Previews

White Background



This preview shows how the HunterLab color 49.6583, -11.9219, -30.5480 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 49.6583, -11.9219, -30.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

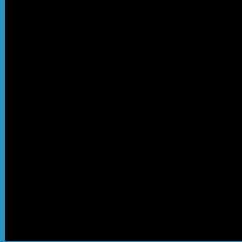
Any Text WCAG AA ✓ Pass

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 49.6583, -11.9219, -30.5480 Background



This preview shows how black text looks on a background with the HunterLab color 49.6583, -11.9219, -30.5480.



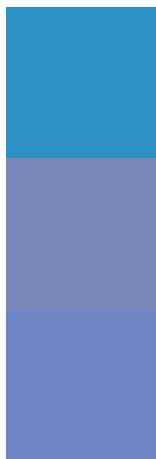
This preview shows how white text looks on a background with the HunterLab color 49.6583, -11.9219, -30.5480.

-11.9219, -30.5480.

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

49.6583, -11.9219, -30.5480

Protanopia

49.2655, 3.9682, -24.8117

Deuteranopia

49.3927, 4.0313, -32.9019



Tritanopia

49.4179, -23.5309, -10.9718

Trichromacy



Original Color

49.6583, -11.9219, -30.5480

Protanomaly

48.7827, -3.2729, -27.8223

Deuteranomaly

49.1334, -2.8247, -32.7938

Tritanomaly

49.3416, -19.6257, -18.0577

Monochromacy



Original Color

49.6583, -11.9219, -30.5480

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.8134, -8.5969, -9.0576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6583, -11.9219, -30.5480 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(43, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(43, 145, 194)  
}
```

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(43, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 145, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6583, -11.9219, -30.5480 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(43, 145, 194) }
```


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

```
.border{ border-color:rgb(43, 145, 194) }
```

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

Here you see how a box with a 4 pixel rgb(43, 145, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(43, 145,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6583, -11.9219, -30.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 145, 194) }
```

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

```
.background{ background-color: rgb(43, 145,  
194) }
```

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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