

Converting Colors

HunterLab(49.3280, -0.1909,
-36.0257)

Have a look what the booklet for
HunterLab(49.3280, -0.1909,
-36.0257) contains.

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Color

**HunterLab(49.3280, -0.1909,
-36.0257)**

Conversions

Conversions Part 1

Format	Color
Hex	5B89C9
RGB	91, 137, 201
RGB Percent	36%, 54%, 79%
CMY	0.6431, 0.4627, 0.2118
CMYK	0.55, 0.32, 0.00, 0.21
HSL	215°, 50%, 57%
HSV	215°, 55%, 79%
XYZ	23.8027, 24.3325, 58.7005
YIQ	130.5420, -47.9600, 10.1520

Conversions

Conversions Part 2

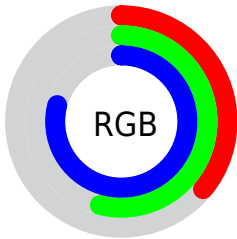
Format	Color
R_{YB}	91, 123, 201
Decimal	5999049
CIE _{Lab}	56.42, 3.01, -37.91
CIE _{LCh}	56, 38.034, 274.538
Yxy	24.3334, 0.2228, 0.2278
Android (android.graphics.Color)	4284189129 (0xFF5B89C9)
YUV	130.5420, 34.7358, -34.6783
Hunter-Lab	49.3280, -0.1909, -36.0257

Details

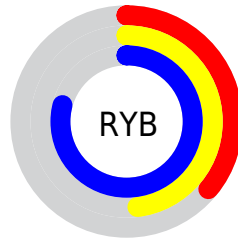
The HunterLab color $49.3280, -0.1909, -36.0257$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $60.5120, 5.3070, 27.6814$, and the grayscale version is $47.3426, -2.5261, 2.5722$.

A 20% lighter version of the original color is $70.9527, -1.7095, -35.3661$, and $30.5052, 0.3453, -34.8477$ is the 20% darker color. If you saturate the color by 10%, you get $45.0535, 2.4035, -44.9163$, and if you desaturate by 10%, it is $53.8540, -2.0642, -27.6883$.

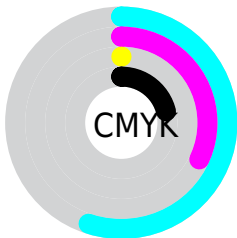
Distribution



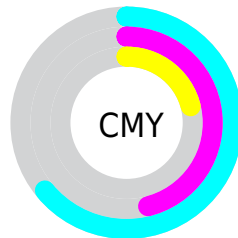
- Red (36%)
- Green (54%)
- Blue (79%)



- Red (36%)
- Yellow (48%)
- Blue (79%)



- Cyan (55%)
- Magenta (32%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3280, -0.1909, -36.0257 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 49.3280, -0.1909, -36.0257 by changing the saturation by 10% instead.

■ 49.3280, -0.1909,
-36.0257

■ 49.3280, -0.1909,
-36.0257

165.6809, -5.2086,
-40.5728

■ 39.4729, 0.1642,
-35.3859

■ 71.1152, -1.0432,
-37.3162

■ 30.3780, 0.4644,
-34.8286

■ 82.9641, -1.5329,
-37.9199

■ 22.1141, 0.7021,
-34.4967

■ 95.4066, -2.0611,
-38.4813

■ 14.7752, 0.8655,
-34.7474

■ 108.4156, -2.6255,
-38.9962

■ 8.4305, 1.1052,
-37.0689

121.9674, -3.2240,
-39.4629

0.0000, NaN, -NF

0.0000, NaN, -NF

136.0410, -3.8549,

-39.8809

0.0000, NaN, NaN

150.6177, -4.5169,
-40.2506

0.0000, NaN, NaN

■ 49.3280, -0.1909,
-36.0257

■ 49.3280, -0.1909,
-36.0257

■ 45.0535, 2.4035,
-44.9163

■ 53.8540, -2.0642,
-27.6883

■ 41.0648, 5.8216,
-54.3777

■ 58.5973, -3.3195,
-19.8629

■ 37.4037, 10.1466,
-64.3673

■ 63.5324, -4.0493,
-12.4915

■ 34.1109, 15.4014,
-74.7600

■ 68.6373, -4.3332,
-5.5153

■ 32.5052, 18.4425,
-80.4406

■ 73.8939, -4.2382,
1.1210

■ 79.2869, -3.8198,
7.4673

■ 84.8037, -3.1239,
13.5671

■ 90.4337, -2.1880,
19.4578

■ 94.4106, -7.1371,
23.3478

Harmonies

Analogous

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



49.3289, -15.1092, -31.4774



49.3280, -0.1909, -36.0257



49.3289, 15.9349, -27.8044

Triad

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



49.3289, -0.1907, -36.0246



49.3289, 25.1786, 16.4986



49.3289, -27.3277, 13.6289

Complementary

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



49.3280, -0.1909, -36.0257



60.5120, 5.3070, 27.6814

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.



49.3289, -18.8081, 21.1448



49.3280, -0.1909, -36.0257



49.3289, 11.2176, 22.3958

Square

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



49.3289, -0.1907, -36.0246



49.3289, 31.7146, 4.9327



49.3289, -5.0320, 23.7773



49.3289, -29.5760, 0.3265

Rectangle

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



49.3280, -0.1909, -36.0257



49.3289, 24.8365, -17.3571



49.3289, -5.0320, 23.7773



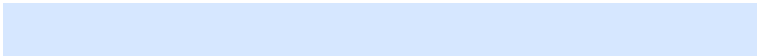
49.3289, -25.1604, 16.7603

Sweetspot

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



49.3289, -0.1907, -36.0246



88.7944, -5.6477, -8.5559



68.0508, -37.8289, 14.8862



40.4303, -2.5898, -4.8284

0.0000, NaN, NaN



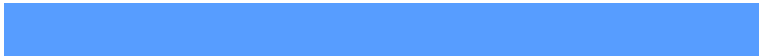
46.2646, -2.4686, 2.5136

Same Dimension

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



49.3289, -0.1907, -36.0246



57.7686, 4.0320, -61.4319



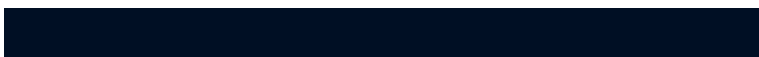
37.8360, 25.1118, -62.8380



33.1725, -2.0089, -0.8949



26.1065, 13.8726, -62.5777



6.8204, 0.7230, -10.0858

Inverse Universe

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



46.5906, 42.3866, -0.6679



55.1950, 67.4250, 0.8890



73.4537, -19.3393, 36.9333



32.7251, 1.7207, 1.1522



28.6845, 50.5885, 7.1757



6.3559, 11.4242, -0.0745

Previews

White Background



This preview shows how the HunterLab color 49.3280, -0.1909, -36.0257 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 49.3280, -0.1909, -36.0257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

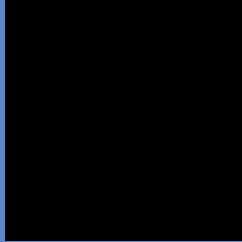
Any Text WCAG AA ✓ Pass

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 49.3280, -0.1909, -36.0257 Background



This preview shows how black text looks on a background with the HunterLab color 49.3280, -0.1909, -36.0257.

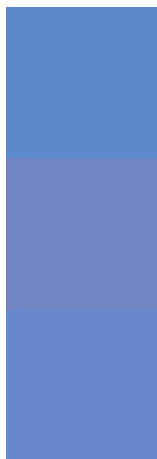


This preview shows how white text looks on a background with the HunterLab color 49.3280, -0.1909, -36.0257.

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

49.3280, -0.1909, -36.0257

Protanopia

49.3123, 5.1960, -33.0345

Deuteranopia

49.2519, 4.0331, -36.8461



Tritanopia

49.4853, -17.1030, -8.0252

Trichromacy



Original Color

49.3280, -0.1909, -36.0257

Protanomaly

49.1230, 3.2207, -34.1580

Deuteranomaly

49.2391, 2.5404, -36.8977

Tritanomaly

49.4079, -11.4673, -17.1985

Monochromacy



Original Color

49.3280, -0.1909, -36.0257

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.8418, -3.1670, -9.5544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3280, -0.1909, -36.0257 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(91, 137, 201)` looks like.

```
.text, #text, p{  
    color:rgb(91, 137, 201)  
}
```

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(91, 137, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 137, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3280, -0.1909, -36.0257 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(91, 137, 201) }
```


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

```
.border{ border-color:rgb(91, 137, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 137, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 137, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 137, 201);  
box-shadow:4px 4px 4px 4px rgb(91, 137,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3280, -0.1909, -36.0257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 137, 201) }
```

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

```
.background{ background-color: rgb(91, 137,  
201) }
```

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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