

Converting Colors

HunterLab(49.5073, -4.0668,
-35.7425)

Have a look what the booklet for
HunterLab(49.5073, -4.0668,
-35.7425) contains.

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Color

**HunterLab(49.5073, -4.0668,
-35.7425)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8CC9
RGB	76, 140, 201
RGB Percent	30%, 55%, 79%
CMY	0.7019, 0.4510, 0.2118
CMYK	0.62, 0.30, 0.00, 0.21
HSL	209°, 54%, 54%
HSV	209°, 62%, 79%
XYZ	22.9012, 24.5097, 58.7822
YIQ	127.8180, -57.7250, 5.4030

Conversions

Conversions Part 2

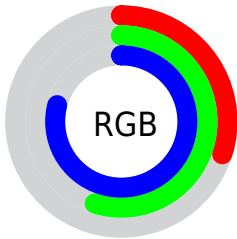
Format	Color
R_{YB}	76, 118, 201
Decimal	5016777
CIE _{Lab}	56.60, -1.78, -37.69
CIE _{LCh}	57, 37.729, 267.302
Yxy	24.5106, 0.2157, 0.2308
Android (android.graphics.Color)	4283206857 (0xFF4C8CC9)
YUV	127.8180, 36.0787, -45.4444
Hunter-Lab	49.5073, -4.0668, -35.7425

Details

The HunterLab color **49.5073, -4.0668, -35.7425** 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 **55.5270, 13.2151, 27.1447**, and the grayscale version is **46.2698, -2.4688, 2.5139**.

A 20% lighter version of the original color is **71.0710, -6.0498, -35.2376**, and **30.6902, -1.8123, -34.4478** is the 20% darker color. If you saturate the color by 10%, you get **45.9040, -1.8738, -43.1199**, and if you desaturate by 10%, it is **53.3499, -5.5205, -28.6342**.

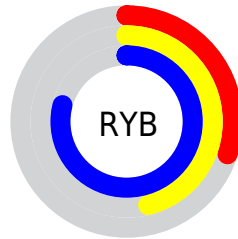
Distribution



Red (30%)

Green (55%)

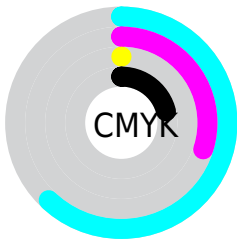
Blue (79%)



Red (30%)

Yellow (46%)

Blue (79%)

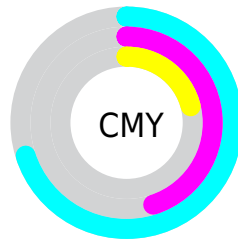


Cyan (62%)

Magenta (30%)

Yellow (0%)

Black (21%)



Cyan (70%)

Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5073, -4.0668, -35.7425 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 49.5073, -4.0668, -35.7425 by changing the saturation by 10% instead.

■ 49.5073, -4.0668,
-35.7425

■ 49.5073, -4.0668,
-35.7425

165.9493,
-10.9987, -40.2431

■ 39.6394, -3.4366,
-35.1024

■ 71.3177, -5.4174,
-37.0269

■ 30.5306, -2.8386,
-34.5401

■ 83.1773, -6.1361,
-37.6257

■ 22.2514, -2.2735,
-34.1937

■ 95.6300, -6.8825,
-38.1818

■ 14.8952, -1.7419,
-34.4081

■ 108.6487, -7.6555,
-38.6910

■ 8.5449, -1.3621,
-36.5392

122.2097, -8.4544,
-39.1517

0.0000, NaN, -NF

0.0000, NaN, -NF

136.2923, -9.2783,

-39.5635

0.0000, NaN, NaN

150.8778,
-10.1267, -39.9270

0.0000, NaN, NaN

■ 49.5073, -4.0668,
-35.7425

■ 49.5073, -4.0668,
-35.7425

■ 45.9040, -1.8738,
-43.1199

■ 53.3499, -5.5205,
-28.6342

■ 42.5606, 1.1212,
-50.7342

■ 57.4059, -6.3136,
-21.8097

■ 39.4980, 4.9464,
-58.5234

■ 61.6547, -6.5248,
-15.2623

■ 37.2821, 8.4119,
-64.7582

■ 66.0769, -6.2283,
-8.9759

■ 70.6556, -5.4904,
-2.9284

■ 75.3760, -4.3690,
2.9038

■ 80.2254, -2.9136,
8.5449

■ 85.1928, -1.1663,
14.0175

■ 90.0669, 0.1478,
19.1251

Harmonies

Analogous

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



49.5082, -18.0118, -28.3191



49.5073, -4.0668, -35.7425



49.5082, 12.0767, -30.4819

Triad

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



49.5082, -4.0665, -35.7414



49.5082, 27.3504, 14.2034



49.5082, -25.7060, 15.9040

Complementary

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



49.5073, -4.0668, -35.7425



55.5270, 13.2151, 27.1447

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.



49.5082, -15.8238, 22.1127



49.5073, -4.0668, -35.7425



49.5082, 14.8615, 21.3691

Square

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



49.5082, -4.0665, -35.7414



49.5082, 31.5074, 1.3148



49.5082, -1.2058, 23.7450



49.5082, -29.4852, 4.0363

Rectangle

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



49.5073, -4.0668, -35.7425



49.5082, 21.7226, -21.1847



49.5082, -1.2058, 23.7450



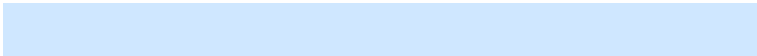
49.5082, -23.0537, 18.5613

Sweetspot

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



49.5082, -4.0665, -35.7414



88.1883, -7.9237, -9.4033



67.1565, -42.1924, 19.9401



40.0053, -3.7697, -5.4264

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5082, -4.0665, -35.7414



58.3311, -1.0652, -60.2384



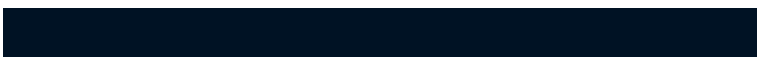
33.4895, 28.0306, -76.7038



33.4221, -2.4203, -0.5892



29.8721, 6.0728, -50.4470



7.5314, -0.5070, -8.3192

Inverse Universe

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



44.1372, 49.7733, -5.2612



52.4361, 76.9166, -4.8177



73.3133, -16.7943, 39.3507



32.7507, 1.8583, 0.7873



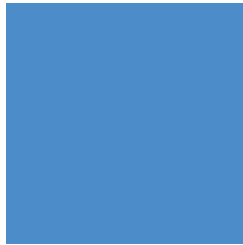
29.0531, 51.9335, 1.8803



6.4365, 11.7153, -1.2107

Previews

White Background



This preview shows how the HunterLab color 49.5073, -4.0668, -35.7425 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 49.5073, -4.0668, -35.7425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

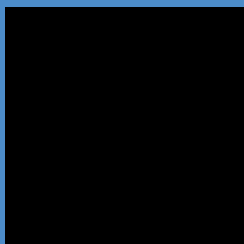
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

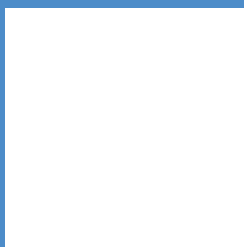
Any Text WCAG AAA × Fail

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

HunterLab 49.5073, -4.0668, -35.7425 Background



This preview shows how black text looks on a background with the HunterLab color 49.5073, -4.0668, -35.7425.

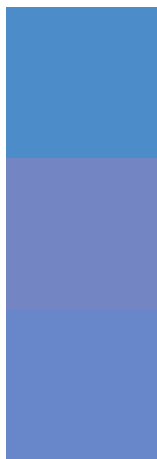


This preview shows how white text looks on a background with the HunterLab color 49.5073, -4.0668, -35.7425.

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

49.5073, -4.0668, -35.7425

Protanopia

49.3559, 5.1562, -31.5184

Deuteranopia

49.2519, 4.0331, -36.8461



Tritanopia

49.5567, -19.8507, -9.6007

Trichromacy



Original Color

49.5073, -4.0668, -35.7425

Protanomaly

49.4027, 1.1611, -32.9332

Deuteranomaly

49.2466, 1.1026, -36.9079

Tritanomaly

49.3991, -14.4937, -18.4923

Monochromacy



Original Color

49.5073, -4.0668, -35.7425

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.0322, -4.6007, -10.1919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5073, -4.0668, -35.7425 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(76, 140, 201)` looks like.

```
.text, #text, p{  
    color:rgb(76, 140, 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(76, 140, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 140, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5073, -4.0668, -35.7425 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(76, 140, 201) }
```


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

```
.border{ border-color:rgb(76, 140, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 140, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 140, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 140, 201);  
box-shadow:4px 4px 4px 4px rgb(76, 140,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5073, -4.0668, -35.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 140, 201) }
```

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

```
.background{ background-color: rgb(76, 140,  
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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