

Converting Colors

HunterLab(51.5060, -4.6197,
-34.3311)

Have a look what the booklet for
HunterLab(51.5060, -4.6197,
-34.3311) contains.

HunterLab(51.4290, -4.6476, -34.2497)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

HunterLab(51.4290, -4.6476,
-34.2497)

Conversions

Conversions Part 1

Format	Color
Hex	5391CC
RGB	83, 145, 204
RGB Percent	33%, 57%, 80%
CMY	0.6745, 0.4314, 0.2000
CMYK	0.59, 0.29, 0.00, 0.20
HSL	209°, 54%, 56%
HSV	209°, 59%, 80%
XYZ	24.5917, 26.4494, 60.9359
YIQ	133.1880, -55.8910, 5.2050

Conversions

Conversions Part 2

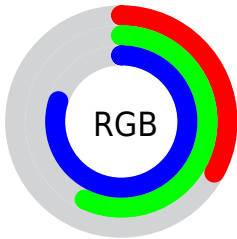
Format	Color
R _Y B	83, 124, 204
Decimal	5476812
CIE Lab	58.46, -2.35, -36.43
CIE LCh	58, 36.510, 266.314
Yxy	26.4504, 0.2196, 0.2362
Android (android.graphics.Color)	4283666892 (0xFF5391CC)
YUV	133.1880, 34.9103, -44.0149
Hunter-Lab	51.4290, -4.6476, -34.2497

Details

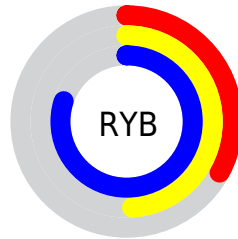
The HunterLab color **51.4290, -4.6476, -34.2497** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **57.2797, 12.3751, 27.0400**, and the grayscale version is **48.3882, -2.5819, 2.6290**.

A 20% lighter version of the original color is **73.3005, -7.8367, -31.4945**, and **32.1782, -3.5186, -32.6243** is the 20% darker color. If you saturate the color by 10%, you get **47.6935, -2.6389, -41.6753**, and if you desaturate by 10%, it is **55.4014, -5.9251, -27.1026**.

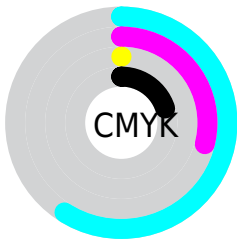
Distribution



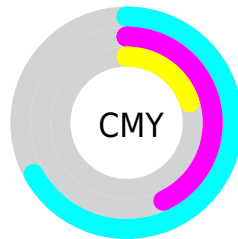
- Red (33%)
- Green (57%)
- Blue (80%)



- Red (33%)
- Yellow (49%)
- Blue (80%)



- Cyan (59%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4290, -4.6476, -34.2497 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 51.4290, -4.6476, -34.2497 by changing the saturation by 10% instead.

■ 51.4290, -4.6476,
-34.2497

■ 51.4290, -4.6476,
-34.2497

168.8152,
-11.8523, -38.4494

■ 41.4257, -3.9788,
-33.6097

■ 73.4851, -6.0688,
-35.4913

■ 32.1702, -3.3392,
-33.0169

■ 85.4577, -6.8201,
-36.0585

■ 23.7300, -2.7287,
-32.5773

■ 98.0179, -7.5975,
-36.5796

■ 16.1929, -2.1468,
-32.5509

■ 111.1395, -8.4003,
-37.0518

■ 9.6840, -1.5907,
-33.7009

124.7995, -9.2279,
-37.4744

0.0000, NaN, -NF

138.9773,

0.0000, NaN, -NF

-10.0794, -37.8476

0.0000, NaN, NaN

153.6547,
-10.9544, -38.1723

0.0000, NaN, NaN

■ 51.4290, -4.6476,
-34.2497

■ 51.4290, -4.6476,
-34.2497

■ 47.6935, -2.6389,
-41.6753

■ 55.4014, -5.9251,
-27.1026

■ 44.2161, 0.1710,
-49.3540

■ 59.5847, -6.5526,
-20.2436

■ 41.0195, 3.8237,
-57.2294

■ 63.9585, -6.6095,
-13.6622

■ 38.0988, 8.2431,
-65.2817

■ 68.5037, -6.1693,
-7.3400

■ 37.9035, 8.5601,
-65.8548

■ 73.2039, -5.2970,
-1.2539

■ 78.0445, -4.0492,
4.6205

■ 83.0131, -2.4741,
10.3072

■ 88.0989, -0.6127,
15.8291

■ 92.0688, -2.6986,
19.8966

Harmonies

Analogous

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



51.4299, -18.2423, -26.7872



51.4290, -4.6476, -34.2497



51.4299, 11.1295, -29.6136

Triad

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



51.4299, -4.6474, -34.2486



51.4299, 26.7584, 13.8395



51.4299, -25.2525, 16.1624

Complementary

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



51.4290, -4.6476, -34.2497



57.2797, 12.3751, 27.0400

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.



51.4299, -15.2921, 22.2676



51.4290, -4.6476, -34.2497



51.4299, 14.8325, 21.2316

Square

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



51.4299, -4.6474, -34.2486



51.4299, 30.4690, 0.9448



51.4299, -0.8185, 23.8034



51.4299, -29.2165, 4.5875

Rectangle

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



51.4290, -4.6476, -34.2497



51.4299, 20.6054, -20.8600



51.4299, -0.8185, 23.8034



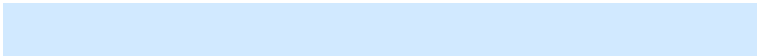
51.4299, -22.5568, 18.7729

Sweetspot

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



51.4299, -4.6474, -34.2486



88.7986, -7.8437, -8.5887



68.5296, -41.7725, 19.5298



40.2716, -3.7427, -5.0634

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4299, -4.6474, -34.2486



60.1729, -2.5532, -56.1860



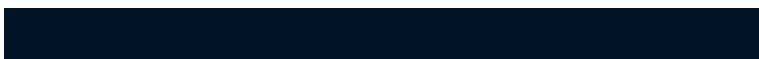
35.6364, 26.3809, -72.6246



34.3199, -2.4890, -0.6119



30.3803, 6.1938, -51.3433



7.9236, -0.4164, -9.0049

Inverse Universe

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



45.9013, 48.4175, -5.4709



53.7870, 73.9101, -5.7115



74.6296, -16.7983, 39.1898



33.6274, 1.9212, 0.8035



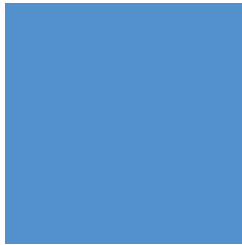
29.5546, 52.8284, 1.9251



6.8259, 12.4087, -1.1639

Previews

White Background



This preview shows how the HunterLab color 51.4290, -4.6476, -34.2497 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 51.4290, -4.6476, -34.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

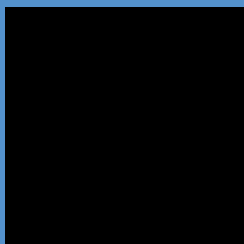
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

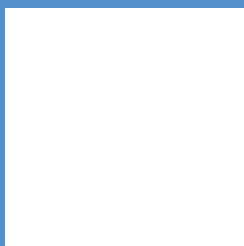
Any Text WCAG AAA × Fail

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

HunterLab 51.4290, -4.6476, -34.2497 Background



This preview shows how black text looks on a background with the HunterLab color 51.4290, -4.6476, -34.2497.

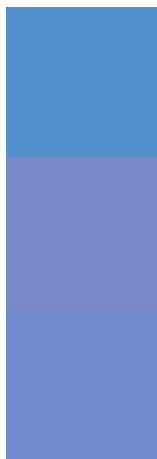


This preview shows how white text looks on a background with the HunterLab color 51.4290, -4.6476, -34.2497.

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

51.4290, -4.6476, -34.2497

Protanopia

51.3022, 4.7446, -30.0494

Deuteranopia

51.3008, 3.9403, -35.0720



Tritanopia

51.3141, -19.3009, -9.8487

Trichromacy



Original Color

51.4290, -4.6476, -34.2497

Protanomaly

51.3280, 0.6416, -31.4805

Deuteranomaly

51.2096, 0.7010, -35.3038

Tritanomaly

51.1149, -14.1724, -18.2202

Monochromacy



Original Color

51.4290, -4.6476, -34.2497

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

49.0300, -4.7113, -9.5353

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4290, -4.6476, -34.2497 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(83, 145, 204)` looks like.

```
.text, #text, p{  
    color:rgb(83, 145, 204)  
}
```

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(83, 145, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 145, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4290, -4.6476, -34.2497 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(83, 145, 204) }
```


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

```
.border{ border-color:rgb(83, 145, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 145, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 145, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 145, 204);  
box-shadow:4px 4px 4px 4px rgb(83, 145,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4290, -4.6476, -34.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 145, 204) }
```

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

```
.background{ background-color: rgb(83, 145,  
204) }
```

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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