

Converting Colors

HunterLab(51.5033, -4.8905,
-30.4814)

Have a look what the booklet for
HunterLab(51.5033, -4.8905,
-30.4814) contains.

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Color

**HunterLab(51.5247, -4.7697,
-30.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	5A91C7
RGB	90, 145, 199
RGB Percent	35%, 57%, 78%
CMY	0.6470, 0.4314, 0.2196
CMYK	0.55, 0.27, 0.00, 0.22
HSL	210°, 49%, 57%
HSV	210°, 55%, 78%
XYZ	24.6506, 26.5479, 57.8578
YIQ	134.7110, -50.1140, 5.1340

Conversions

Conversions Part 2

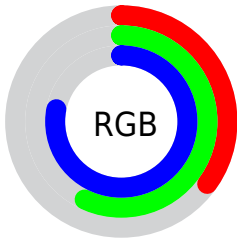
Format	Color
R _Y B	90, 127, 199
Decimal	5935559
CIE Lab	58.55, -2.49, -33.45
CIE LCh	59, 33.545, 265.740
Yxy	26.5489, 0.2260, 0.2434
Android (android.graphics.Color)	4284125639 (0xFF5A91C7)
YUV	134.7110, 31.6945, -39.2115
Hunter-Lab	51.5247, -4.7697, -30.5103

Details

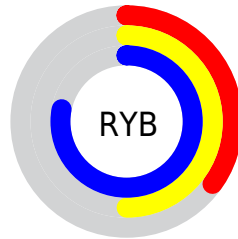
The HunterLab color $51.5247, -4.7697, -30.5103$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $57.2958, 9.9333, 25.4686$, and the grayscale version is $49.0013, -2.6146, 2.6623$.

A 20% lighter version of the original color is $73.6681, -6.5415, -30.8633$, and $32.3039, -3.4638, -29.3214$ is the 20% darker color. If you saturate the color by 10%, you get $47.7467, -3.0815, -37.7291$, and if you desaturate by 10%, it is $55.5238, -5.7826, -23.5862$.

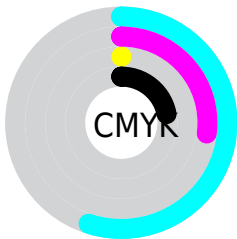
Distribution



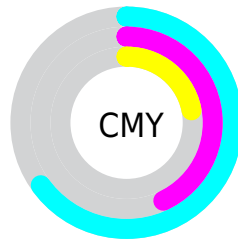
- Red (35%)
- Green (57%)
- Blue (78%)



- Red (35%)
- Yellow (50%)
- Blue (78%)



- Cyan (55%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (43%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5247, -4.7697, -30.5103 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 51.5247, -4.7697, -30.5103 by changing the saturation by 10% instead.

■ 51.5247, -4.7697,
-30.5103

■ 51.5247, -4.7697,
-30.5103

168.9575,
-12.0344, -34.1125

■ 41.5147, -4.0925,
-29.8958

■ 73.5929, -6.2065,
-31.6516

■ 32.2521, -3.4436,
-29.2962

■ 85.5710, -6.9650,
-32.1556

■ 23.8040, -2.8229,
-28.7913

■ 98.1366, -7.7493,
-32.6088

■ 16.2581, -2.2296,
-28.5798

■ 111.2633, -8.5586,
-33.0102

■ 9.7389, -1.6598,
-29.2514

124.9281, -9.3924,
-33.3600

0.0000, NaN, -NF

139.1106,

0.0000, NaN, -NF

-10.2500, -33.6595

0.0000, NaN, NaN

153.7925,
-11.1308, -33.9098

0.0000, NaN, NaN

■ 51.5247, -4.7697,
-30.5103

■ 51.5247, -4.7697,
-30.5103

■ 47.7467, -3.0815,
-37.7291

■ 55.5238, -5.7826,
-23.5862

■ 44.2111, -0.6415,
-45.2308

■ 59.7188, -6.2005,
-16.9555

■ 40.9425, 2.6089,
-52.9729

■ 64.0905, -6.0993,
-10.6007

■ 37.9601, 6.6844,
-60.8871

■ 68.6213, -5.5476,
-4.4988

■ 36.4926, 9.0475,
-65.1436

■ 73.2959, -4.6048,
1.3757

■ 78.1011, -3.3223,
7.0482

■ 83.0255, -1.7434,
12.5432

■ 88.0592, 0.0951,
17.8829

■ 91.6934, -2.9837,
21.5102

Harmonies

Analogous

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



51.5256, -17.2749, -23.6942



51.5247, -4.7697, -30.5103



51.5256, 9.6840, -26.5986

Triad

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



51.5256, -4.7696, -30.5092



51.5256, 24.2980, 12.8809



51.5256, -23.4817, 15.4163

Complementary

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



51.5247, -4.7697, -30.5103



57.2958, 9.9333, 25.4686

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.



51.5256, -14.1101, 21.1800



51.5247, -4.7697, -30.5103



51.5256, 13.5820, 20.0193

Square

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



51.5256, -4.7696, -30.5092



51.5256, 27.4879, 0.8327



51.5256, -0.7029, 22.6020



51.5256, -27.3084, 4.7017

Rectangle

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



51.5247, -4.7697, -30.5103



51.5256, 18.3559, -18.8808



51.5256, -0.7029, 22.6020



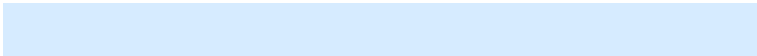
51.5256, -20.9286, 17.8700

Sweetspot

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



51.5256, -4.7696, -30.5092



89.9116, -7.4816, -7.1146



67.0782, -38.6862, 17.7966



41.0130, -3.5453, -4.0641

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.5256, -4.7696, -30.5092



62.1231, -3.4567, -52.0738



37.3107, 22.4358, -62.4803



33.4023, -2.3879, -0.6133



29.5612, 6.6727, -51.3534



7.4740, -0.4119, -8.4525

Inverse Universe

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



46.3679, 43.2807, -4.9253



55.6704, 69.4171, -5.8452



72.7301, -15.8358, 36.6524



32.7486, 1.8474, 0.8162



29.0210, 51.8167, 2.3391



6.4297, 11.6909, -1.1158

Previews

White Background



This preview shows how the HunterLab color 51.5247, -4.7697, -30.5103 looks on a white background.

Color Contrast Check

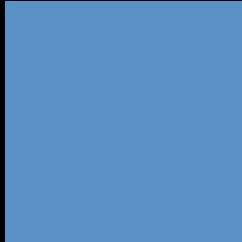
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5247, -4.7697, -30.5103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

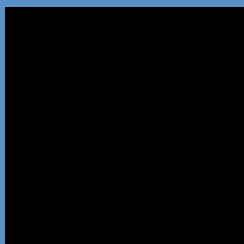
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

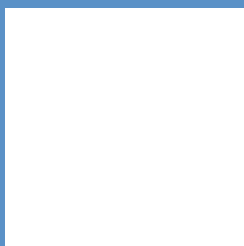
Any Text WCAG AAA × Fail

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

HunterLab 51.5247, -4.7697, -30.5103 Background



This preview shows how black text looks on a background with the HunterLab color 51.5247, -4.7697, -30.5103.

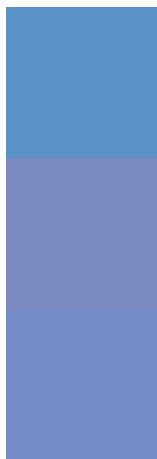


This preview shows how white text looks on a background with the HunterLab color 51.5247, -4.7697, -30.5103.

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

51.5247, -4.7697, -30.5103

Protanopia

51.3392, 4.5129, -27.2293

Deuteranopia

51.3977, 3.8021, -31.2966



Tritanopia

51.6862, -17.9623, -8.7546

Trichromacy



Original Color

51.5247, -4.7697, -30.5103

Protanomaly

51.4587, 0.7283, -28.4510

Deuteranomaly

51.3280, 0.6416, -31.4805

Tritanomaly

51.4423, -13.1206, -16.4717

Monochromacy



Original Color

51.5247, -4.7697, -30.5103

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.8556, -4.8568, -7.8333

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5247, -4.7697, -30.5103 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(90, 145, 199)` looks like.

```
.text, #text, p{  
    color:rgb(90, 145, 199)  
}
```

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(90, 145, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 145, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5247, -4.7697, -30.5103 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(90, 145, 199) }
```


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

```
.border{ border-color:rgb(90, 145, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 145, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 145, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 145, 199);  
box-shadow:4px 4px 4px 4px rgb(90, 145,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5247, -4.7697, -30.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 145, 199) }
```

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

```
.background{ background-color: rgb(90, 145,  
199) }
```

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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