

Converting Colors

HunterLab(55.7188, -5.0764,
-31.7888)

Have a look what the booklet for
HunterLab(55.7188, -5.0764,
-31.7888) contains.

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Color

**HunterLab(55.8418, -5.2867,
-31.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	639CD4
RGB	99, 156, 212
RGB Percent	39%, 61%, 83%
CMY	0.6117, 0.3882, 0.1686
CMYK	0.53, 0.26, 0.00, 0.17
HSL	210°, 57%, 61%
HSV	210°, 53%, 83%
XYZ	28.9177, 31.1831, 66.7822
YIQ	145.3410, -51.9480, 5.3320

Conversions

Conversions Part 2

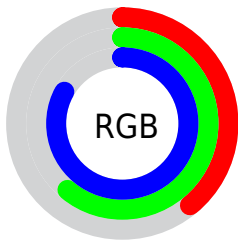
Format	Color
R _Y B	99, 137, 212
Decimal	6528212
CIE Lab	62.66, -2.77, -34.30
CIE LCh	63, 34.414, 265.381
Yxy	31.1842, 0.2279, 0.2458
Android (android.graphics.Color)	4284718292 (0xFF639CD4)
YUV	145.3410, 32.8629, -40.6411
Hunter-Lab	55.8418, -5.2867, -31.8167

Details

The HunterLab color $55.8418, -5.2867, -31.8167$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $61.9211, 10.1923, 27.0298$, and the grayscale version is $53.2371, -2.8406, 2.8925$.

A 20% lighter version of the original color is $77.7053, -10.0851, -24.4817$, and $35.9340, -3.9462, -30.5579$ is the 20% darker color. If you saturate the color by 10%, you get $51.7375, -3.5597, -39.5625$, and if you desaturate by 10%, it is $60.1823, -6.2937, -24.3906$.

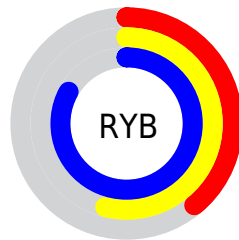
Distribution



Red (39%)

Green (61%)

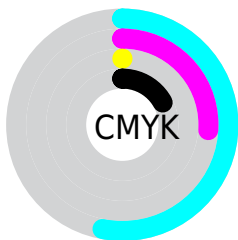
Blue (83%)



Red (39%)

Yellow (54%)

Blue (83%)

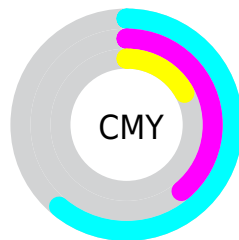


Cyan (53%)

Magenta (26%)

Yellow (0%)

Black (17%)



Cyan (61%)

Magenta (39%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8418, -5.2867, -31.8167 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 55.8418, -5.2867, -31.8167 by changing the saturation by 10% instead.

■ 55.8418, -5.2867,
-31.8167

■ 55.8418, -5.2867,
-31.8167

175.3243,
-12.7528, -35.4206

■ 45.5403, -4.5824,
-31.1972

■ 78.4410, -6.7743,
-32.9571

■ 35.9631, -3.9050,
-30.5811

■ 90.6639, -7.5566,
-33.4597

■ 27.1712, -3.2543,
-30.0301

■ 103.4630, -8.3637,
-33.9119

■ 19.2421, -2.6294,
-29.6903

■ 116.8134, -9.1952,
-34.3128

■ 12.2826, -2.0270,
-29.9559

130.6932,
-10.0503, -34.6631

■ 5.4295, -2.5140,
-39.8675

145.0830,

0.0000, NaN, -NF

-10.9287, -34.9635

0.0000, NaN, -NF

159.9653,
-11.8297, -35.2155

0.0000, NaN, NaN

■ 55.8418, -5.2867,
-31.8167

■ 55.8418, -5.2867,
-31.8167

■ 51.7375, -3.5597,
-39.5625

■ 60.1823, -6.2937,
-24.3906

■ 47.8924, -1.0282,
-47.6184

■ 64.7319, -6.6677,
-17.2808

■ 44.3336, 2.3748,
-55.9418

■ 69.4700, -6.4903,
-10.4669

■ 41.0827, 6.6729,
-64.4613

■ 74.3780, -5.8346,
-3.9233

■ 39.0586, 9.9549,
-70.3096

■ 79.4395, -4.7642,
2.3779

■ 84.6404, -3.3333,
8.4643

■ 89.9686, -1.5881,
14.3622

■ 94.0028, -4.4300,
18.5599

■ 97.3310, -9.8888,
21.8586

Harmonies

Analogous

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



55.8428, -18.4449, -24.5886



55.8418, -5.2867, -31.8167



55.8428, 9.9288, -27.8725

Triad

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



55.8428, -5.2866, -31.8155



55.8428, 25.5444, 13.5697



55.8428, -24.7957, 16.4907

Complementary

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



55.8418, -5.2867, -31.8167



61.9211, 10.1923, 27.0298

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.



55.8428, -14.8181, 22.5838



55.8418, -5.2867, -31.8167



55.8428, 14.3697, 21.2360

Square

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



55.8428, -5.2866, -31.8155



55.8428, 28.7793, 0.7844



55.8428, -0.6406, 24.0583



55.8428, -28.9264, 5.2046

Rectangle

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



55.8418, -5.2867, -31.8167



55.8428, 19.0709, -19.8751



55.8428, -0.6406, 24.0583



55.8428, -22.0691, 19.0837

Sweetspot

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



55.8428, -5.2866, -31.8155



89.9095, -7.4781, -7.1173



72.1532, -40.9407, 18.7583



41.0119, -3.5435, -4.0656

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.8428, -5.2866, -31.8155



63.0903, -4.0184, -50.1034



40.8561, 23.1902, -64.8103



36.1021, -2.5856, -0.6887



31.0143, 7.1844, -54.2742



8.6355, -0.0877, -10.6043

Inverse Universe

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



50.3213, 45.3659, -5.2575



56.5158, 67.5504, -6.0675



78.1342, -16.8432, 38.8926



35.3897, 2.0339, 0.8732



30.5219, 54.4805, 2.5851



7.6066, 13.7813, -0.9356

Previews

White Background



This preview shows how the HunterLab color 55.8418, -5.2867, -31.8167 looks on a white background.

Color Contrast Check

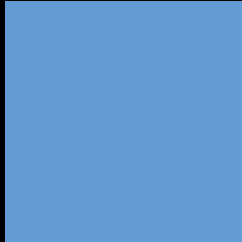
Large Text (above 18pt) WCAG AA × Fail

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 55.8418, -5.2867, -31.8167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

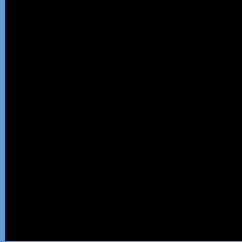
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 55.8418, -5.2867, -31.8167 Background



This preview shows how black text looks on a background with the HunterLab color 55.8418, -5.2867, -31.8167.



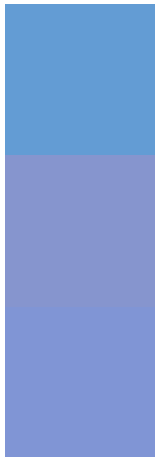
This preview shows how white text looks on a background with the HunterLab color 55.8418, -5.2867, -31.8167.

-31.8167.

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

55.8418, -5.2867, -31.8167

Protanopia

55.6951, 4.1931, -27.7690

Deuteranopia

55.5771, 4.4234, -32.8324



Tritanopia

55.9530, -18.8926, -9.3767

Trichromacy



Original Color

55.8418, -5.2867, -31.8167

Protanomaly

55.7454, 0.1037, -29.1171

Deuteranomaly

55.7158, 0.4511, -32.6495

Tritanomaly

55.7134, -13.9714, -17.1490

Monochromacy



Original Color

55.8418, -5.2867, -31.8167

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.8040, -5.2089, -8.3009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.8418, -5.2867, -31.8167 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(99, 156, 212)` looks like.

```
.text, #text, p{  
    color:rgb(99, 156, 212)  
}
```

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(99, 156, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 156, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8418, -5.2867, -31.8167 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(99, 156, 212) }
```


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

```
.border{ border-color:rgb(99, 156, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 156, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 156, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 156, 212);  
box-shadow:4px 4px 4px 4px rgb(99, 156,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8418, -5.2867, -31.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 156, 212) }
```

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

```
.background{ background-color: rgb(99, 156,  
212) }
```

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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