

Converting Colors

HunterLab(55.6206, -4.3031,
-47.9795)

Have a look what the booklet for
HunterLab(55.6206, -4.3031,
-47.9795) contains.

HunterLab(55.5779, -4.1850, -48.0661)	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(55.5779, -4.1850,
-48.0661)**

Conversions

Conversions Part 1

Format	Color
Hex	449CE9
RGB	68, 156, 233
RGB Percent	27%, 61%, 91%
CMY	0.7333, 0.3882, 0.0863
CMYK	0.71, 0.33, 0.00, 0.09
HSL	208°, 79%, 59%
HSV	208°, 71%, 91%
XYZ	28.9803, 30.8890, 81.5255
YIQ	138.4660, -77.1650, 5.2910

Conversions

Conversions Part 2

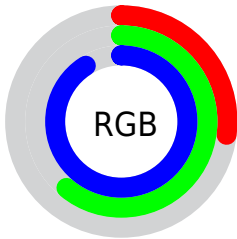
Format	Color
R _{YB}	68, 125, 233
Decimal	4496617
CIE Lab	62.41, -1.46, -46.41
CIE LCh	62, 46.436, 268.199
Yxy	30.8901, 0.2050, 0.2185
Android (android.graphics.Color)	4282686697 (0xFF449CE9)
YUV	138.4660, 46.6053, -61.7987
Hunter-Lab	55.5779, -4.1850, -48.0661

Details

The HunterLab color **55.5779, -4.1850, -48.0661** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **61.6402, 21.7913, 33.1019**, and the grayscale version is **50.4431, -2.6915, 2.7407**.

A 20% lighter version of the original color is **76.4078, -14.7380, -26.5885**, and **36.4383, -0.1457, -45.2301** is the 20% darker color. If you saturate the color by 10%, you get **51.6957, -0.9596, -56.5786**, and if you desaturate by 10%, it is **59.7621, -6.4685, -39.7705**.

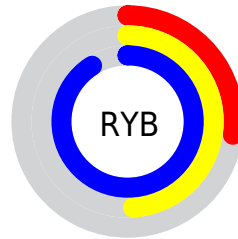
Distribution



Red (27%)

Green (61%)

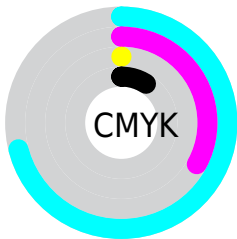
Blue (91%)



Red (27%)

Yellow (49%)

Blue (91%)

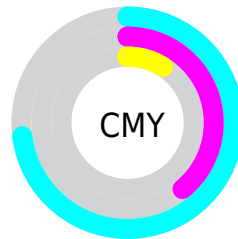


Cyan (71%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (39%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5779, -4.1850, -48.0661 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 55.5779, -4.1850, -48.0661 by changing the saturation by 10% instead.

■ 55.5779, -4.1850,
-48.0661

■ 55.5779, -4.1850,
-48.0661

174.9376,
-11.1296, -53.7499

■ 45.2936, -3.5542,
-47.4133

■ 78.1453, -5.5371,
-49.5002

■ 35.7352, -2.9565,
-46.9045

■ 90.3536, -6.2572,
-50.2137

■ 26.9637, -2.3930,
-46.7051

■ 103.1387, -7.0051,
-50.9012

■ 19.0572, -1.8651,
-47.1850

■ 116.4757, -7.7796,
-51.5541

■ 12.1235, -1.3739,
-49.3134

130.3426, -8.5802,
-52.1675

■ 5.1703, -1.5058,
-70.9113

144.7200, -9.4058,

0.0000, NaN, -NF

-52.7387

0.0000, NaN, -NF

159.5902,
-10.2558, -53.2663

0.0000, NaN, NaN

■ 55.5779, -4.1850,
-48.0661

■ 55.5779, -4.1850,
-48.0661

■ 51.6957, -0.9596,
-56.5786

■ 59.7621, -6.4685,
-39.7705

■ 48.1328, 3.2375,
-65.2454

■ 64.2207, -7.8837,
-31.7381

■ 45.1267, 7.8465,
-73.3428

■ 68.9292, -8.5182,
-23.9861

■ 73.8636, -8.4627,
-16.5146

■ 79.0023, -7.8028,
-9.3117

■ 84.3257, -6.6155,
-2.3582

■ 89.8170, -4.9684,
4.3683

■ 95.4614, -2.9198,
10.8912

■ 98.9659, -8.4308,
14.6496

Harmonies

Analogous

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



55.5788, -22.0018, -38.4604



55.5779, -4.1850, -48.0661



55.5788, 16.6148, -40.4155

Triad

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



55.5788, -4.1844, -48.0648



55.5788, 35.5978, 17.8135



55.5788, -32.2925, 19.1941

Complementary

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



55.5779, -4.1850, -48.0661



61.6402, 21.7913, 33.1019

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.



55.5788, -20.1672, 26.7404



55.5779, -4.1850, -48.0661



55.5788, 19.0303, 26.1668

Square

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



55.5788, -4.1844, -48.0648



55.5788, 41.4554, 1.8511



55.5788, -1.7421, 28.7438



55.5788, -36.7239, 4.1744

Rectangle

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



55.5779, -4.1850, -48.0661



55.5788, 29.0725, -27.6893



55.5788, -1.7421, 28.7438



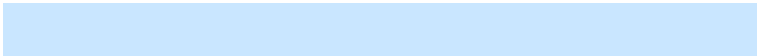
55.5788, -29.0750, 22.4568

Sweetspot

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



55.5788, -4.1844, -48.0648



87.3490, -8.6740, -10.5449



78.4552, -53.9449, 27.1532



39.6717, -4.1333, -5.8907

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.5788, -4.1844, -48.0648



55.4047, 0.9460, -67.0854



34.5616, 40.2751, -110.2475



39.8488, -3.0078, -0.6763



34.3595, 5.2216, -54.2183



10.5801, -0.2274, -12.7333

Inverse Universe

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



48.8464, 66.8057, -6.9096



49.9902, 83.0572, -3.9211



85.4131, -19.3705, 48.4946



38.9722, 2.3392, 0.8118



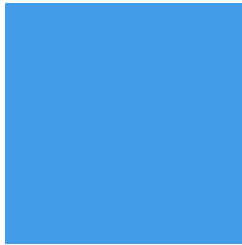
32.6873, 58.5930, 0.8507



9.2651, 16.8007, -1.2535

Previews

White Background



This preview shows how the HunterLab color 55.5779, -4.1850, -48.0661 looks on a white background.

Color Contrast Check

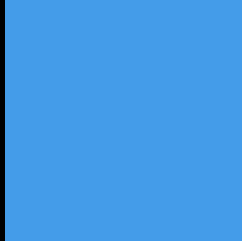
Large Text (above 18pt) WCAG AA × Fail

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 55.5779, -4.1850, -48.0661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

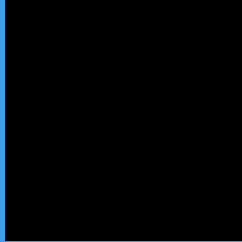
Any Text WCAG AA ✓ Pass

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 55.5779, -4.1850, -48.0661 Background



This preview shows how black text looks on a background with the HunterLab color 55.5779, -4.1850, -48.0661.



This preview shows how white text looks on a background with the HunterLab color 55.5779, -4.1850,

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

55.5779, -4.1850, -48.0661

Protanopia

55.2896, 7.6178, -42.9549

Deuteranopia

55.4585, 4.6024, -48.9660



Tritanopia

55.4043, -25.6793, -12.5181

Trichromacy



Original Color

55.5779, -4.1850, -48.0661

Protanomaly

55.0939, 2.8657, -45.7758

Deuteranomaly

55.3826, 1.3610, -49.1836

Tritanomaly

55.0811, -18.7560, -24.5493

Monochromacy



Original Color

55.5779, -4.1850, -48.0661

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.7481, -6.1237, -13.5174

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5779, -4.1850, -48.0661 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(68, 156, 233)` looks like.

```
.text, #text, p{  
  color:rgb(68, 156, 233)  
}
```

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(68, 156, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 156, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5779, -4.1850, -48.0661 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(68, 156, 233) }
```


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

```
.border{ border-color:rgb(68, 156, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 156, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 156, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 156, 233);  
box-shadow:4px 4px 4px 4px rgb(68, 156,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5779, -4.1850, -48.0661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 156, 233) }
```

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

```
.background{ background-color: rgb(68, 156,  
233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor