

Converting Colors

HunterLab(55.6681, -3.0293,
-49.7331)

Have a look what the booklet for
HunterLab(55.6681, -3.0293,
-49.7331) contains.

HunterLab(55.7805, -3.2711, -49.2278)	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(55.7805, -3.2711,
-49.2278)**

Conversions

Conversions Part 1

Format	Color
Hex	479CEB
RGB	71, 156, 235
RGB Percent	28%, 61%, 92%
CMY	0.7215, 0.3882, 0.0784
CMYK	0.70, 0.34, 0.00, 0.08
HSL	209°, 80%, 60%
HSV	209°, 70%, 92%
XYZ	29.4823, 31.1146, 83.0490
YIQ	139.5910, -76.0190, 6.5490

Conversions

Conversions Part 2

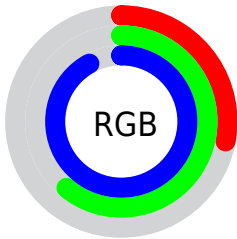
Format	Color
R _Y B	71, 127, 235
Decimal	4693227
CIE Lab	62.61, -0.35, -47.21
CIE LCh	63, 47.211, 269.578
Yxy	31.1157, 0.2052, 0.2166
Android (android.graphics.Color)	4282883307 (0xFF479CEB)
YUV	139.5910, 47.0366, -60.1543
Hunter-Lab	55.7805, -3.2711, -49.2278

Details

The HunterLab color **55.7805, -3.2711, -49.2278** 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 **63.1926, 20.2154, 33.6982**, and the grayscale version is **50.8891, -2.7153, 2.7649**.

A 20% lighter version of the original color is **76.5163, -14.3458, -26.4106**, and **36.5484, 0.4510, -46.6559** is the 20% darker color. If you saturate the color by 10%, you get **51.7380, 0.0858, -58.1883**, and if you desaturate by 10%, it is **60.1337, -5.6686, -40.5402**.

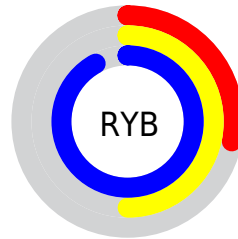
Distribution



Red (28%)

Green (61%)

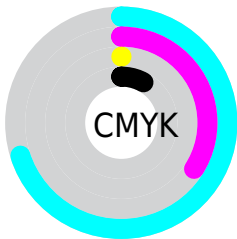
Blue (92%)



Red (28%)

Yellow (50%)

Blue (92%)

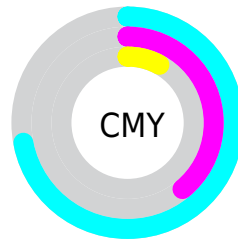


Cyan (70%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (39%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7805, -3.2711, -49.2278 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 55.7805, -3.2711, -49.2278 by changing the saturation by 10% instead.

■ 55.7805, -3.2711,
-49.2278

■ 55.7805, -3.2711,
-49.2278

175.2344, -9.7861,
-55.0113

■ 45.4829, -2.7012,
-48.5795

■ 78.3723, -4.5121,
-50.6699

■ 35.9101, -2.1693,
-48.0851

■ 90.5918, -5.1809,
-51.3924

■ 27.1229, -1.6775,
-47.9163

■ 103.3876, -5.8798,
-52.0910

■ 19.1991, -1.2293,
-48.4553

■ 116.7349, -6.6075,
-52.7566

■ 12.2456, -0.8294,
-50.6987

130.6117, -7.3629,
-53.3837

■ 5.3704, -0.5690,
-71.1365

144.9986, -8.1450,

0.0000, NaN, -NF

-53.9694

0.0000, NaN, -NF

159.8781, -8.9530,
-54.5122

0.0000, NaN, NaN

■ 55.7805, -3.2711,
-49.2278

■ 55.7805, -3.2711,
-49.2278

■ 51.7380, 0.0858,
-58.1883

■ 60.1337, -5.6686,
-40.5402

■ 48.0275, 4.4423,
-67.3570

■ 64.7671, -7.1891,
-32.1678

■ 44.6434, 9.7032,
-76.7054

■ 69.6541, -7.9264,
-24.1212

■ 44.5721, 9.8220,
-76.9141

■ 74.7694, -7.9755,
-16.3929

■ 80.0903, -7.4245,
-8.9638

■ 85.5969, -6.3519,
-1.8088

■ 91.2717, -4.8259,
5.0997

■ 96.7033, -4.2779,
11.3239

■ 99.3872, -8.7032,
14.2016

Harmonies

Analogous

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



55.7814, -21.6314, -40.1395



55.7805, -3.2711, -49.2278



55.7814, 17.9220, -40.6092

Triad

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



55.7814, -3.2705, -49.2265



55.7814, 35.7637, 18.6012



55.7814, -33.1585, 18.9287

Complementary

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



55.7805, -3.2711, -49.2278



63.1926, 20.2154, 33.6982

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.



55.7814, -21.1945, 26.8511



55.7805, -3.2711, -49.2278



55.7814, 18.4995, 26.7159

Square

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



55.7814, -3.2705, -49.2265



55.7814, 42.3484, 2.7584



55.7814, -2.6876, 29.0817



55.7814, -37.2829, 3.3129

Rectangle

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



55.7805, -3.2711, -49.2278



55.7814, 30.4455, -27.2922



55.7814, -2.6876, 29.0817



55.7814, -30.0147, 22.3413

Sweetspot

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



55.7814, -3.2705, -49.2265



87.0926, -8.2592, -10.8846



79.2973, -54.0942, 27.1103



39.5376, -3.9169, -6.0722

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.7814, -3.2705, -49.2265



54.8482, 2.1514, -68.4344



35.4584, 39.6973, -108.8792



39.8000, -2.9279, -0.7357



33.6362, 6.5876, -56.2632



10.3971, 0.0853, -13.1795

Inverse Universe

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



49.5686, 66.3581, -5.9162



50.0929, 82.2333, -2.7584



86.2857, -19.4998, 48.7301



38.9672, 2.3122, 0.8834



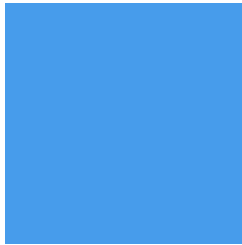
32.6113, 58.3167, 1.9344



9.2441, 16.7251, -0.9584

Previews

White Background



This preview shows how the HunterLab color 55.7805, -3.2711, -49.2278 looks on a white background.

Color Contrast Check

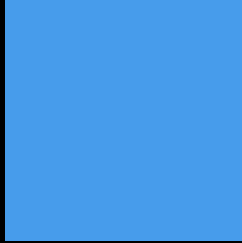
Large Text (above 18pt) WCAG AA × Fail

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 55.7805, -3.2711, -49.2278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

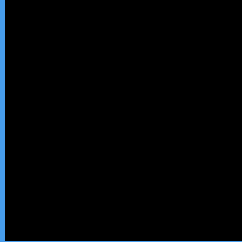
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

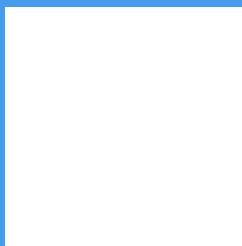
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.7805, -3.2711, -49.2278 Background



This preview shows how black text looks on a background with the HunterLab color 55.7805, -3.2711, -49.2278.



This preview shows how white text looks on a background with the HunterLab color 55.7805, -3.2711, -49.2278.

-49.2278.

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

55.7805, -3.2711, -49.2278

Protanopia

55.6047, 7.4057, -43.8704

Deuteranopia

55.5084, 4.9775, -50.4719



Tritanopia

55.8143, -25.7722, -11.9277

Trichromacy



Original Color

55.7805, -3.2711, -49.2278

Protanomaly

55.4854, 2.8995, -46.5446

Deuteranomaly

55.4869, 1.9236, -50.5717

Tritanomaly

55.5489, -18.5552, -24.4196

Monochromacy



Original Color

55.7805, -3.2711, -49.2278

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

52.2473, -5.7243, -13.9301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7805, -3.2711, -49.2278 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(71, 156, 235)` looks like.

```
.text, #text, p{  
    color:rgb(71, 156, 235)  
}
```

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(71, 156, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 156, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7805, -3.2711, -49.2278 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(71, 156, 235) }
```


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

```
.border{ border-color:rgb(71, 156, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 156, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 156, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 156, 235);  
box-shadow:4px 4px 4px 4px rgb(71, 156,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7805, -3.2711, -49.2278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 156, 235) }
```

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

```
.background{ background-color: rgb(71, 156,  
235) }
```

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