

Converting Colors

HunterLab(56.3494, -0.2808,
-44.0524)

Have a look what the booklet for
HunterLab(56.3494, -0.2808,
-44.0524) contains.

HunterLab(56.3494, -0.2808, -44.0524)	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(56.3494, -0.2808,
-44.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	629BE6
RGB	98, 155, 230
RGB Percent	38%, 61%, 90%
CMY	0.6157, 0.3921, 0.0980
CMYK	0.57, 0.33, 0.00, 0.10
HSL	214°, 73%, 64%
HSV	214°, 57%, 90%
XYZ	31.0413, 31.7525, 79.3558
YIQ	146.5070, -58.0470, 11.2410

Conversions

Conversions Part 2

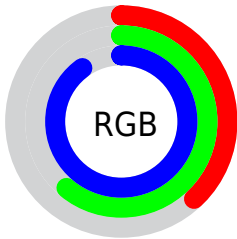
Format	Color
R _Y B	98, 138, 230
Decimal	6462438
CIE Lab	63.14, 3.22, -43.54
CIE LCh	63, 43.658, 274.224
Yxy	31.7537, 0.2184, 0.2234
Android (android.graphics.Color)	4284652518 (0xFF629BE6)
YUV	146.5070, 41.1620, -42.5406
Hunter-Lab	56.3494, -0.2808, -44.0524

Details

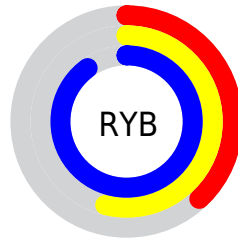
The HunterLab color $56.3494, -0.2808, -44.0524$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $68.9887, 8.0773, 32.7197$, and the grayscale version is $53.6752, -2.8640, 2.9163$.

A 20% lighter version of the original color is $77.4526, -9.3515, -24.8601$, and $36.3175, 0.5469, -42.9860$ is the 20% darker color. If you saturate the color by 10%, you get $51.5127, 2.8868, -54.3740$, and if you desaturate by 10%, it is $61.4899, -2.5656, -34.3404$.

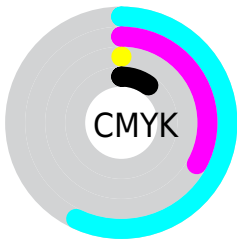
Distribution



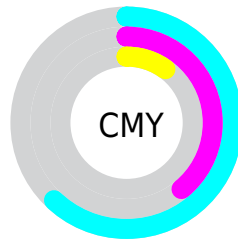
- Red (38%)
- Green (61%)
- Blue (90%)



- Red (38%)
- Yellow (54%)
- Blue (90%)



- Cyan (57%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (62%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.3494, -0.2808, -44.0524 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 56.3494, -0.2808, -44.0524 by changing the saturation by 10% instead.

■ 56.3494, -0.2808,
-44.0524

■ 56.3494, -0.2808,
-44.0524

■ 176.0669, -5.4339,
-49.3061

■ 46.0146, 0.0968,
-43.3812

■ 79.0093, -1.1710,
-45.4476

■ 36.4017, 0.4226,
-42.8068

■ 91.2602, -1.6775,
-46.1203

■ 27.5708, 0.6904,
-42.4580

■ 104.0861, -2.2212,
-46.7589

■ 19.5985, 0.8911,
-42.6230

■ 117.4621, -2.8000,
-47.3573

■ 12.5898, 1.0105,
-44.0492

■ 131.3667, -3.4122,
-47.9123

■ 5.8947, 2.0622,
-57.2507

145.7803, -4.0561,

0.0000, NaN, -NF

-48.4223

0.0000, NaN, -NF

160.6856, -4.7304,
-48.8869

0.0000, NaN, NaN

■ 56.3494, -0.2808,
-44.0524

■ 56.3494, -0.2808,
-44.0524

■ 51.5127, 2.8868,
-54.3740

■ 61.4899, -2.5656,
-34.3404

■ 47.0196, 7.0503,
-65.3037

■ 66.8936, -4.0882,
-25.2061

■ 42.9166, 12.2890,
-76.7651

■ 72.5298, -4.9595,
-16.5921

■ 39.2408, 18.5820,
-88.6083

■ 78.3716, -5.2768,
-8.4363

■ 38.3362, 20.3302,
-91.8039

■ 84.3968, -5.1225,
-0.6776

■ 90.5868, -4.5655,
6.7402

■ 96.5291, -5.0405,
13.4098

■ 99.2438, -9.4947,
16.2624

Harmonies

Analogous

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



56.3504, -18.1004, -38.3075



56.3494, -0.2808, -44.0524



56.3504, 19.1575, -34.1176

Triad

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



56.3504, -0.2805, -44.0511



56.3504, 30.6671, 19.3845



56.3504, -32.4017, 16.2372

Complementary

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



56.3494, -0.2808, -44.0524



68.9887, 8.0773, 32.7197

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.



56.3504, -22.2047, 24.9750



56.3494, -0.2808, -44.0524



56.3504, 13.8577, 26.3220

Square

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



56.3504, -0.2805, -44.0511



56.3504, 38.4697, 5.5791



56.3504, -5.6880, 27.9612



56.3504, -35.1440, 0.4343

Rectangle

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



56.3494, -0.2808, -44.0524



56.3504, 29.9709, -21.4038



56.3504, -5.6880, 27.9612



56.3504, -29.8056, 19.9011

Sweetspot

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



56.3504, -0.2805, -44.0511



88.2973, -5.9339, -9.2229



78.8674, -45.5430, 18.1541



40.2279, -2.7345, -5.1050

0.0000, NaN, NaN



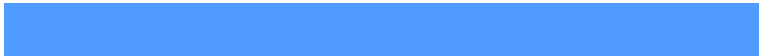
46.2646, -2.4686, 2.5136

Same Dimension

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



56.3504, -0.2805, -44.0511



56.8644, 4.0891, -63.5322



41.9090, 31.8260, -79.5306



38.6078, -2.4099, -1.0451



29.2454, 14.4054, -67.6514



9.0204, 1.7246, -14.9976

Inverse Universe

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



52.8454, 52.4889, -1.3111



54.0616, 70.3433, 0.5223



85.3697, -23.1437, 44.1729



38.0405, 2.0975, 1.2646



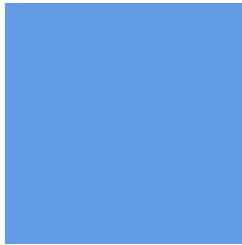
31.7193, 56.0129, 7.3753



8.7282, 15.6120, 0.4879

Previews

White Background



This preview shows how the HunterLab color 56.3494, -0.2808, -44.0524 looks on a white background.

Color Contrast Check

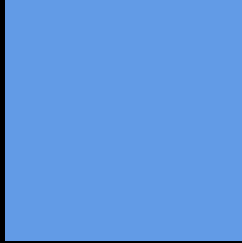
Large Text (above 18pt) WCAG AA × Fail

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 56.3494, -0.2808, -44.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

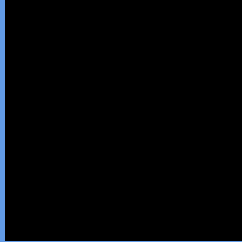
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

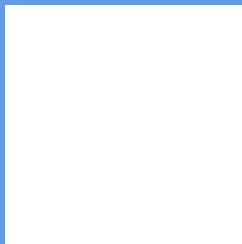
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.3494, -0.2808, -44.0524 Background



This preview shows how black text looks on a background with the HunterLab color 56.3494, -0.2808, -44.0524.

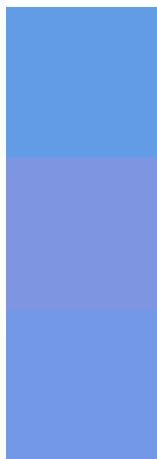


This preview shows how white text looks on a background with the HunterLab color 56.3494, -0.2808,

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

56.3494, -0.2808, -44.0524

Protanopia

56.2890, 6.4623, -40.2337

Deuteranopia

56.3945, 4.4682, -44.6547



Tritanopia

56.3407, -20.4919, -10.5222

Trichromacy



Original Color

56.3494, -0.2808, -44.0524

Protanomaly

56.3165, 3.8104, -41.7414

Deuteranomaly

56.3384, 2.7932, -44.7978

Tritanomaly

56.1233, -13.3467, -22.0913

Monochromacy



Original Color

56.3494, -0.2808, -44.0524

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

54.4556, -3.8590, -11.7999

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3494, -0.2808, -44.0524 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(98, 155, 230)` looks like.

```
.text, #text, p{  
    color:rgb(98, 155, 230)  
}
```

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(98, 155, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 155, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3494, -0.2808, -44.0524 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(98, 155, 230) }
```


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

```
.border{ border-color:rgb(98, 155, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 155, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 155, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 155, 230);  
box-shadow:4px 4px 4px 4px rgb(98, 155,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3494, -0.2808, -44.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 155, 230) }
```

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

```
.background{ background-color: rgb(98, 155,  
230) }
```

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