

Converting Colors

HunterLab(56.8090, -21.7345,
16.2467)

Have a look what the booklet for
HunterLab(56.8090, -21.7345,
16.2467) contains.

HunterLab(56.8394, -21.9943, 16.4339)	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(56.8394,
-21.9943, 16.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	79A577
RGB	121, 165, 119
RGB Percent	47%, 65%, 47%
CMY	0.5255, 0.3529, 0.5333
CMYK	0.27, 0.00, 0.28, 0.35
HSL	117°, 20%, 56%
HSV	117°, 28%, 65%
XYZ	24.6701, 32.3072, 22.3884
YIQ	146.6000, -11.4580, -23.6340

Conversions

Conversions Part 2

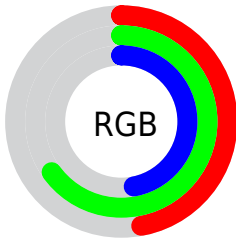
Format	Color
RYB	119, 165, 163
Decimal	7972215
CIELab	63.60, -24.14, 19.19
CIELCh	64, 30.840, 141.522
Yxy	32.3085, 0.3108, 0.4071
Android (android.graphics.Color)	4286162295 (0xFF79A577)
YUV	146.6000, -13.6068, -22.4512
Hunter-Lab	56.8394, -21.9943, 16.4339

Details

The HunterLab color $56.8394, -21.9943, 16.4339$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $48.6803, 19.2906, -13.0234$, and the grayscale version is $53.9122, -2.8766, 2.9292$.

A 20% lighter version of the original color is $79.4515, -25.8099, 19.7545$, and $36.8674, -17.9935, 13.0841$ is the 20% darker color. If you saturate the color by 10%, you get $55.5854, -27.4924, 20.2226$, and if you desaturate by 10%, it is $58.2882, -15.8123, 12.1356$.

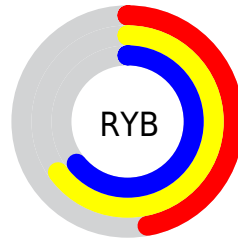
Distribution



Red (47%)

Green (65%)

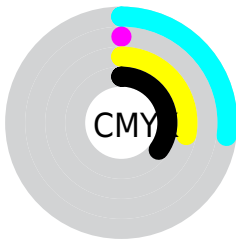
Blue (47%)



Red (47%)

Yellow (65%)

Blue (64%)

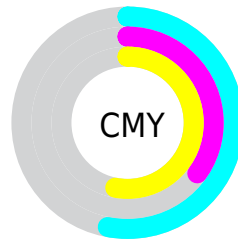


Cyan (27%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (53%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.8394, -21.9943, 16.4339 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 56.8394, -21.9943, 16.4339 by changing the saturation by 10% instead.

■ 56.8394, -21.9943,
16.4339

■ 56.8394, -21.9943,
16.4339

176.7830,
-38.1886, 30.6488

■ 46.4729, -20.0279,
14.7438

■ 79.5578, -25.7656,
19.6961

■ 36.8257, -17.9792,
12.9910

■ 91.8357, -27.5939,
21.2885

■ 27.9574, -15.8170,
11.1495

■ 104.6873,
-29.3960, 22.8648

■ 19.9438, -13.4890,
9.1765

118.0880,
-31.1780, 24.4301

■ 12.8880, -10.9014,
7.6534

132.0163,
-32.9448, 25.9884

■ 6.3105, -11.0433,
4.4173

146.4528,

0.0000, NaN, NaN

-34.7002, 27.5427

0.0000, NaN, NaN

161.3803,
-36.4473, 29.0955

0.0000, NaN, NaN

■ 56.8394, -21.9943,
16.4339

■ 56.8394, -21.9943,
16.4339

■ 55.5854, -27.4924,
20.2226

■ 58.2882, -15.8123,
12.1356

■ 54.5242, -32.2427,
23.4593

■ 59.9241, -9.0138,
7.3747

■ 53.6559, -36.2024,
26.1169

■ 61.7421, -1.6757,
2.2051

■ 52.9757, -39.3496,
28.1848

■ 63.7349, 6.1262,
-3.3191

■ 52.4748, -41.6901,
29.6735

■ 65.8941, 14.3194,
-9.1457

■ 52.1399, -43.2620,
30.6184

■ 68.2107, 22.8372,
-15.2262

■ 51.9492, -44.1578,
31.1231

■ 70.6757, 31.6200,
-21.5171

■ 51.9210, -44.2932,
31.2180

■ 73.2800, 40.6164,
-27.9800

■ 74.4255, 44.2267,
-28.7329

Harmonies

Analogous

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



56.8406, -12.2653, 21.6317



56.8394, -21.9943, 16.4339



56.8406, -26.5383, 6.6215

Triad

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



56.8406, -21.9954, 16.4345



56.8406, -6.8192, -27.2156



56.8406, 23.2358, 11.4420

Complementary

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



56.8394, -21.9943, 16.4339



48.6803, 19.2906, -13.0234

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.



56.8406, 25.0401, -0.6752



56.8394, -21.9943, 16.4339



56.8406, 6.8227, -25.0659

Square

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



56.8406, -21.9954, 16.4345



56.8406, -18.3287, -19.8794



56.8406, 18.7888, -14.5510



56.8406, 14.0669, 19.2532

Rectangle

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



56.8394, -21.9943, 16.4339



56.8406, -26.3389, -2.0727



56.8406, 18.7888, -14.5510



56.8406, 24.7558, 7.8170

Sweetspot

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



56.8406, -21.9954, 16.4345



80.1301, -12.3154, 10.0466



59.5155, -8.5000, 19.1372



37.3114, -6.3946, 5.1442



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



56.8406, -21.9954, 16.4345



75.0720, -33.7643, 24.9827



57.1999, -19.6641, 9.3036



28.1230, -4.7048, 3.7962



45.1649, -38.4970, 27.1565



6.5785, -5.4455, 3.9583

Inverse Universe

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



48.6803, 19.2906, -13.0234



62.0747, 32.1675, -22.0791



48.1836, 16.3395, -2.6403



26.8075, 1.9194, -0.9269



27.4717, 54.5269, -40.2379



4.0378, 7.9843, -5.6810

Previews

White Background



This preview shows how the HunterLab color 56.8394, -21.9943, 16.4339 looks on a white background.

Color Contrast Check

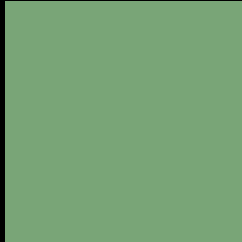
Large Text (above 18pt) WCAG AA × Fail

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 56.8394, -21.9943, 16.4339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

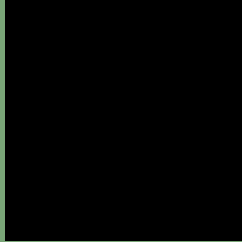
Any Text WCAG AA ✓ Pass

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 56.8394, -21.9943, 16.4339 Background



This preview shows how black text looks on a background with the HunterLab color 56.8394, -21.9943, 16.4339.



This preview shows how white text looks on a background with the HunterLab color 56.8394,

-21.9943, 16.4339.

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

56.8394, -21.9943, 16.4339

Protanopia

56.5656, -4.4929, 18.0905

Deuteranopia

56.4634, 4.2463, 15.1899



Tritanopia

56.6920, -8.5836, -5.5106

Trichromacy



Original Color

56.8394, -21.9943, 16.4339

Protanomaly

56.3600, -11.2048, 17.1506

Deuteranomaly

56.3786, -6.3106, 15.2666

Tritanomaly

56.8056, -14.0501, 3.7524

Monochromacy



Original Color

56.8394, -21.9943, 16.4339

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

55.0642, -10.2888, 8.2670

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8394, -21.9943, 16.4339 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(121, 165, 119)` looks like.

```
.text, #text, p{  
    color:rgb(121, 165, 119)  
}
```

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(121, 165, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 165, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8394, -21.9943, 16.4339 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(121, 165, 119) }
```


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

```
.border{ border-color:rgb(121, 165, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 165, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 165, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 165, 119);  
box-shadow:4px 4px 4px 4px rgb(121, 165,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.8394, -21.9943, 16.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 165, 119) }
```

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

```
.background{ background-color: rgb(121,  
165, 119) }
```

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