

Converting Colors

HunterLab(42.9809, -19.3597,
19.0356)

Have a look what the booklet for
HunterLab(42.9809, -19.3597,
19.0356) contains.

HunterLab(42.9809, -19.3597, 19.0356)	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(42.9809,
-19.3597, 19.0356)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8142
RGB	94, 129, 66
RGB Percent	37%, 51%, 26%
CMY	0.6314, 0.4941, 0.7412
CMYK	0.27, 0.00, 0.49, 0.49
HSL	93°, 32%, 38%
HSV	93°, 49%, 51%
XYZ	13.4497, 18.4736, 8.0112
YIQ	111.3530, -0.6370, -27.0130

Conversions

Conversions Part 2

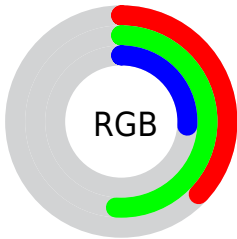
Format	Color
RYB	66, 129, 101
Decimal	6193474
CIELab	50.07, -24.21, 30.10
CIELCh	50, 38.631, 128.815
Yxy	18.4744, 0.3368, 0.4626
Android (android.graphics.Color)	4284383554 (0xFF5E8142)
YUV	111.3530, -22.3590, -15.2186
Hunter-Lab	42.9809, -19.3597, 19.0356

Details

The HunterLab color $42.9809, -19.3597, 19.0356$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $28.7206, 19.8347, -24.8322$, and the grayscale version is $40.0889, -2.1390, 2.1781$.

A 20% lighter version of the original color is $63.8786, -23.2717, 23.8997$, and $24.8935, -14.9122, 13.6108$ is the 20% darker color. If you saturate the color by 10%, you get $42.3999, -21.9526, 21.0152$, and if you desaturate by 10%, it is $43.6358, -16.4587, 16.5745$.

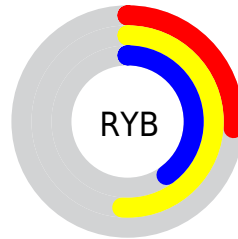
Distribution



Red (37%)

Green (51%)

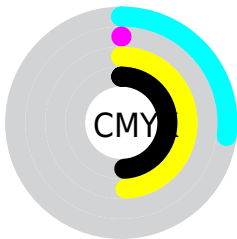
Blue (26%)



Red (26%)

Yellow (51%)

Blue (40%)

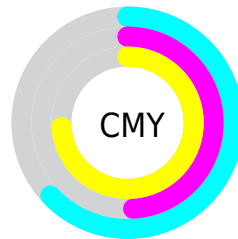


Cyan (27%)

Magenta (0%)

Yellow (49%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9809, -19.3597, 19.0356 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 42.9809, -19.3597, 19.0356 by changing the saturation by 10% instead.

■ 42.9809, -19.3597,
19.0356

■ 42.9809, -19.3597,
19.0356

156.0549,
-35.9087, 38.6623

■ 33.6022, -17.2714,
16.4381

■ 63.9093, -23.2894,
23.8371

■ 25.0260, -15.0526,
13.6487

■ 75.3652, -25.1704,
26.0992

■ 17.3368, -12.6405,
11.0605

■ 87.4340, -27.0134,
28.2951

■ 10.6521, -10.7969,
7.4565

■ 100.0860,
-28.8274, 30.4383

■ 0.8580, -1.5015,
0.6006

■ 113.2955,
-30.6192, 32.5393

0.0000, NaN, NaN

127.0398,

0.0000, NaN, NaN

-32.3940, 34.6062

0.0000, NaN, NaN

141.2990,
-34.1561, 36.6454

0.0000, NaN, NaN

■ 42.9809, -19.3597,
19.0356

■ 42.9809, -19.3597,
19.0356

■ 42.3999, -21.9526,
21.0152

■ 43.6358, -16.4587,
16.5745

■ 41.8890, -24.2279,
22.5207

■ 44.3619, -13.2579,
13.6314

■ 41.4473, -26.1854,
23.5717

■ 45.1598, -9.7731,
10.2148

■ 41.0722, -27.8313,
24.2007

■ 46.0288, -6.0218,
6.3387

■ 40.7542, -29.2143,
24.5384

■ 46.9676, -2.0228,
2.0216

■ 40.7197, -29.3656,
24.5772

■ 47.9744, 2.2036,
-2.7144

■ 49.0476, 6.6374,
-7.8449

■ 50.1850, 11.2583,
-13.3444

■ 51.3844, 16.0471,
-19.1866

Harmonies

Analogous

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



42.9818, -6.7496, 21.9323



42.9809, -19.3597, 19.0356



42.9818, -26.6147, 11.3426

Triad

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



42.9818, -19.3607, 19.0359



42.9818, -12.5034, -33.1850



42.9818, 31.1381, 6.4448

Complementary

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



42.9809, -19.3597, 19.0356



28.7206, 19.8347, -24.8322

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.



42.9818, 29.0236, -9.1642



42.9809, -19.3597, 19.0356



42.9818, 2.3472, -35.9521

Square

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



42.9818, -19.3607, 19.0359



42.9818, -23.0615, -19.3840



42.9818, 17.9327, -25.9822



42.9818, 23.3585, 16.5400

Rectangle

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



42.9809, -19.3597, 19.0356



42.9818, -28.1244, 2.9195



42.9818, 17.9327, -25.9822



42.9818, 31.5814, 1.7516

Sweetspot

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



42.9818, -19.3607, 19.0359



60.8259, -11.3677, 11.9299



37.8164, 3.0058, 15.2733



28.8432, -5.8204, 6.0967



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.9818, -19.3607, 19.0359



56.6262, -29.8747, 28.4742



41.5827, -24.7930, 17.1259



22.1472, -2.9457, 3.1009



40.2097, -28.9834, 24.2696

0.0000, NaN, NaN

Inverse Universe

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



28.7206, 19.8347, -24.8322



33.7533, 33.8019, -43.9408



31.7279, 27.5068, -16.7607



20.7852, 0.7201, -0.9095



16.9672, 38.1646, -59.6379

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.9809, -19.3597, 19.0356 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9809, -19.3597, 19.0356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

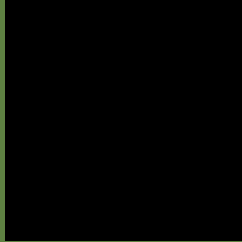
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 42.9809, -19.3597, 19.0356 Background



This preview shows how black text looks on a background with the HunterLab color 42.9809, -19.3597, 19.0356.



This preview shows how white text looks on a background with the HunterLab color 42.9809,

-19.3597, 19.0356.

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

42.9809, -19.3597, 19.0356

Protanopia

42.8564, -4.9157, 20.0169

Deuteranopia

42.6401, 2.8758, 18.2680



Tritanopia

43.0126, -5.6973, -3.1943

Trichromacy



Original Color

42.9809, -19.3597, 19.0356

Protanomaly

42.8676, -10.6792, 19.7237

Deuteranomaly

42.4958, -6.0052, 18.2253

Tritanomaly

42.9396, -11.7792, 7.0465

Monochromacy



Original Color

42.9809, -19.3597, 19.0356

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.9711, -9.0947, 9.4198

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9809, -19.3597, 19.0356 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(94, 129, 66)` looks like.

```
.text, #text, p{  
    color:rgb(94, 129, 66)  
}
```

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(94, 129, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 129, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9809, -19.3597, 19.0356 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(94, 129, 66) }
```


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

```
.border{ border-color:rgb(94, 129, 66) }
```

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

Here you see how a box with a 4 pixel rgb(94, 129, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 129, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 129, 66);  
box-shadow:4px 4px 4px 4px rgb(94, 129,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9809, -19.3597, 19.0356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 129, 66) }
```

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

```
.background{ background-color: rgb(94, 129,  
66) }
```

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