

Converting Colors

HunterLab(50.1766, -26.3275,
16.6282)

Have a look what the booklet for
HunterLab(50.1766, -26.3275,
16.6282) contains.

HunterLab(50.0603, -26.0999, 16.4092)	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(50.0603,
-26.0999, 16.4092)**

Conversions

Conversions Part 1

Format	Color
Hex	579763
RGB	87, 151, 99
RGB Percent	34%, 59%, 39%
CMY	0.6588, 0.4078, 0.6118
CMYK	0.42, 0.00, 0.34, 0.41
HSL	131°, 27%, 47%
HSV	131°, 42%, 59%
XYZ	17.2492, 25.0603, 15.7324
YIQ	125.9360, -21.4520, -29.7400

Conversions

Conversions Part 2

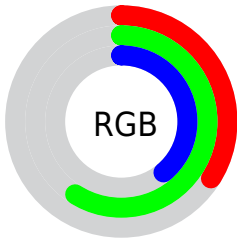
Format	Color
RYB	87, 141, 151
Decimal	5740387
CIELab	57.14, -32.15, 21.15
CIElCh	57, 38.482, 146.667
Yxy	25.0614, 0.2972, 0.4318
Android (android.graphics.Color)	4283930467 (0xFF579763)
YUV	125.9360, -13.2794, -34.1469
Hunter-Lab	50.0603, -26.0999, 16.4092

Details

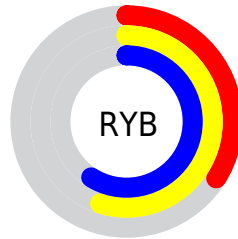
The HunterLab color $50.0603, -26.0999, 16.4092$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $39.0644, 26.8251, -12.5331$, and the grayscale version is $45.7090, -2.4389, 2.4835$.

A 20% lighter version of the original color is $72.0556, -30.9917, 20.1155$, and $30.8690, -20.6279, 12.4202$ is the 20% darker color. If you saturate the color by 10%, you get $49.1852, -30.0345, 18.9815$, and if you desaturate by 10%, it is $51.1063, -21.5298, 13.5767$.

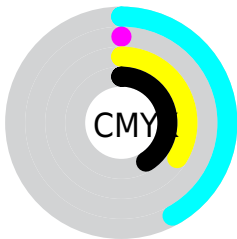
Distribution



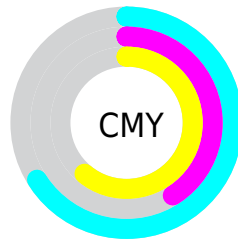
- Red (34%)
- Green (59%)
- Blue (39%)



- Red (34%)
- Yellow (55%)
- Blue (59%)



- Cyan (42%)
- Magenta (0%)
- Yellow (34%)
- Black (41%)



- Cyan (66%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0603, -26.0999, 16.4092 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 50.0603, -26.0999, 16.4092 by changing the saturation by 10% instead.

■ 50.0603, -26.0999,
16.4092

■ 50.0603, -26.0999,
16.4092

166.7763,
-45.9725, 31.5811

■ 40.1532, -23.5496,
14.5475

■ 71.9422, -30.8826,
19.9537

■ 31.0018, -20.8425,
12.5934

■ 83.8346, -33.1599,
21.6660

■ 22.6757, -17.9167,
10.5070

■ 96.3185, -35.3821,
23.3519

■ 15.2668, -14.6653,
8.4066

■ 109.3670,
-37.5600, 25.0184

■ 8.8877, -15.5534,
6.2214

122.9567,
-39.7020, 26.6708

0.0000, NaN, NaN

0.0000, NaN, NaN

137.0669,

-41.8147, 28.3133

0.0000, NaN, NaN

151.6790,
-43.9034, 29.9492

0.0000, NaN, NaN

■ 50.0603, -26.0999,
16.4092

■ 50.0603, -26.0999,
16.4092

■ 49.1852, -30.0345,
18.9815

■ 51.1063, -21.5298,
13.5767

■ 48.4757, -33.2999,
21.2631

■ 52.3199, -16.3680,
10.5162

■ 47.9271, -35.8851,
23.2316

■ 53.6994, -10.6715,
7.2637

■ 47.5305, -37.8019,
24.8725

■ 55.2405, -4.5023,
3.8548

■ 47.2721, -39.0901,
26.1809

■ 56.9373, 2.0764,
0.3232

■ 47.1376, -39.7741,
26.9430

■ 58.7831, 9.0030,
-3.3000

■ 60.7705, 16.2199,
-6.9877

■ 62.8919, 23.6752,
-10.7167

■ 65.1393, 31.3229,
-14.4677

Harmonies

Analogous

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



50.0613, -15.8827, 22.6106



50.0603, -26.0999, 16.4092



50.0613, -30.0949, 4.4147

Triad

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



50.0613, -26.1007, 16.4097



50.0613, -4.4692, -36.7266



50.0613, 28.2639, 14.2687

Complementary

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



50.0603, -26.0999, 16.4092



39.0644, 26.8251, -12.5331

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.



50.0613, 32.3154, 0.9742



50.0603, -26.0999, 16.4092



50.0613, 12.0647, -31.5825

Square

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



50.0613, -26.1007, 16.4097



50.0613, -18.6446, -28.8349



50.0613, 26.0539, -16.4128



50.0613, 15.5899, 21.6784

Rectangle

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



50.0603, -26.0999, 16.4092



50.0613, -29.1223, -6.5259



50.0613, 26.0539, -16.4128



50.0613, 30.7438, 10.4902

Sweetspot

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



50.0613, -26.1007, 16.4097



71.6906, -14.9747, 10.1105



53.2302, -14.4161, 22.5043



33.9898, -7.9100, 5.2556



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



50.0613, -26.1007, 16.4097



65.8588, -40.0165, 25.2827



50.7859, -21.8259, 5.9530



26.3507, -4.2696, 3.0187



43.4801, -36.6609, 24.7939



5.3548, -4.2424, 2.4652

Inverse Universe

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



39.0644, 26.8251, -12.5331



48.3574, 44.7586, -20.7858



38.0307, 21.8701, 2.0160



25.1073, 1.6448, -0.2473



26.0979, 49.3444, -19.1891



3.2616, 6.2817, -3.2882

Previews

White Background



This preview shows how the HunterLab color 50.0603, -26.0999, 16.4092 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 50.0603, -26.0999, 16.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

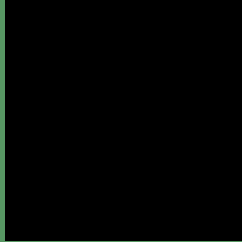
Any Text WCAG AA ✓ Pass

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 50.0603, -26.0999, 16.4092 Background



This preview shows how black text looks on a background with the HunterLab color 50.0603, -26.0999, 16.4092.



This preview shows how white text looks on a background with the HunterLab color 50.0603,

-26.0999, 16.4092.

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

50.0603, -26.0999, 16.4092

Protanopia

49.6936, -4.3738, 18.1886

Deuteranopia

49.7885, 3.4401, 15.4589



Tritanopia

49.9995, -12.1013, -6.6992

Trichromacy



Original Color

50.0603, -26.0999, 16.4092

Protanomaly

49.3068, -13.1785, 17.1334

Deuteranomaly

49.1982, -8.7502, 15.0136

Tritanomaly

50.0496, -17.9473, 3.3725

Monochromacy



Original Color

50.0603, -26.0999, 16.4092

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.9400, -11.8005, 7.8474

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0603, -26.0999, 16.4092 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(87, 151, 99)` looks like.

```
.text, #text, p{  
    color:rgb(87, 151, 99)  
}
```

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(87, 151, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 151, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0603, -26.0999, 16.4092 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(87, 151, 99) }
```


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

```
.border{ border-color:rgb(87, 151, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 151, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 151, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 151, 99);  
box-shadow:4px 4px 4px 4px rgb(87, 151,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0603, -26.0999, 16.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 151, 99) }
```

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

```
.background{ background-color: rgb(87, 151,  
99) }
```

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