

Converting Colors

HunterLab(51.1164, -18.8462,
16.3868)

Have a look what the booklet for
HunterLab(51.1164, -18.8462,
16.3868) contains.

HunterLab(51.1068, -18.6545, 16.2785)	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(51.1068,
-18.6545, 16.2785)**

Conversions

Conversions Part 1

Format	Color
Hex	739567
RGB	115, 149, 103
RGB Percent	45%, 58%, 40%
CMY	0.5490, 0.4157, 0.5961
CMYK	0.23, 0.00, 0.31, 0.42
HSL	104°, 18%, 49%
HSV	104°, 31%, 58%
XYZ	20.2659, 26.1191, 16.8054
YIQ	133.5900, -5.4980, -21.5140

Conversions

Conversions Part 2

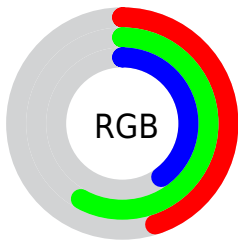
Format	Color
R_{YB}	103, 149, 137
Decimal	7574887
CIE _{Lab}	58.15, -20.91, 20.56
CIE _{LCh}	58, 29.324, 135.473
Yxy	26.1202, 0.3207, 0.4133
Android (android.graphics.Color)	4285764967 (0xFF739567)
YUV	133.5900, -15.0809, -16.3034
Hunter-Lab	51.1068, -18.6545, 16.2785

Details

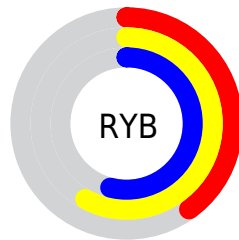
The HunterLab color $51.1068, -18.6545, 16.2785$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $41.4604, 16.1028, -14.8339$, and the grayscale version is $48.7240, -2.5998, 2.6473$.

A 20% lighter version of the original color is $73.0546, -21.9567, 19.8199$, and $31.8896, -14.9228, 12.6689$ is the 20% darker color. If you saturate the color by 10%, you get $50.1443, -22.8907, 19.5555$, and if you desaturate by 10%, it is $52.1904, -13.9741, 12.4784$.

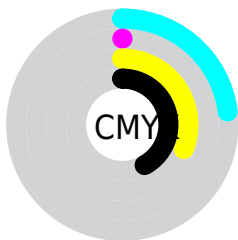
Distribution



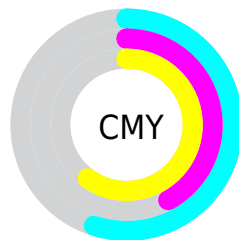
- Red (45%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (54%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1068, -18.6545, 16.2785 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 51.1068, -18.6545, 16.2785 by changing the saturation by 10% instead.

■ 51.1068, -18.6545,
16.2785

■ 51.1068, -18.6545,
16.2785

168.3364,
-33.5657, 31.1712

■ 41.1261, -16.8559,
14.4643

■ 73.1223, -22.1071,
19.7432

■ 31.8950, -14.9801,
12.5647

■ 85.0761, -23.7843,
21.4209

■ 23.4813, -12.9937,
10.5432

■ 97.6185, -25.4402,
23.0749

■ 15.9741, -10.8378,
8.3972

■ 110.7230,
-27.0808, 24.7116

■ 9.4998, -10.0984,
6.6499

124.3666,
-28.7105, 26.3361

0.0000, NaN, NaN

138.5285,

0.0000, NaN, NaN

-30.3327, 27.9522

0.0000, NaN, NaN

153.1907,
-31.9503, 29.5631

0.0000, NaN, NaN

■ 51.1068, -18.6545,
16.2785

■ 51.1068, -18.6545,
16.2785

■ 50.1443, -22.8907,
19.5555

■ 52.1904, -13.9741,
12.4784

■ 49.3005, -26.6485,
22.2896

■ 53.3898, -8.8822,
8.1799

■ 48.5763, -29.9055,
24.4740

■ 54.7033, -3.4185,
3.4155

■ 47.9697, -32.6480,
26.1144

■ 56.1273, 2.3770,
-1.7792

■ 47.4771, -34.8744,
27.2332

■ 57.6578, 8.4651,
-7.3668

■ 47.0930, -36.5978,
27.8725

■ 59.2904, 14.8081,
-13.3100

■ 46.8238, -37.7984,
28.1909

■ 61.0205, 21.3708,
-19.5723

■ 62.8435, 28.1213,
-26.1191

■ 64.7545, 35.0308,
-32.9183

Harmonies

Analogous

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



51.1079, -8.9421, 20.1819



51.1068, -18.6545, 16.2785



51.1079, -23.8416, 8.1554

Triad

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



51.1079, -18.6556, 16.2790



51.1079, -8.5796, -24.4362



51.1079, 22.3651, 8.4756

Complementary

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



51.1068, -18.6545, 16.2785



41.4604, 16.1028, -14.8339

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.



51.1079, 22.4859, -3.2469



51.1068, -18.6545, 16.2785



51.1079, 3.7944, -24.2915

Square

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



51.1079, -18.6556, 16.2790



51.1079, -18.4121, -16.1944



51.1079, 15.4219, -15.8366



51.1079, 15.1062, 16.4650

Rectangle

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



51.1068, -18.6545, 16.2785



51.1079, -24.3833, 0.5690



51.1079, 15.4219, -15.8366



51.1079, 23.2633, 4.9002

Sweetspot

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



51.1079, -18.6556, 16.2790



71.7328, -10.6837, 9.9112



50.1853, -3.3443, 15.7049



33.6624, -5.4757, 5.0502



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.1079, -18.6556, 16.2790



67.4886, -28.9296, 24.8772



50.5851, -20.1943, 12.2501



25.5680, -3.8118, 3.5360



42.9704, -34.6128, 25.8722



4.8846, -3.2852, 2.9523

Inverse Universe

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



41.4604, 16.1028, -14.8339



51.9166, 27.3759, -25.6832



42.3480, 18.0009, -7.3980



24.1534, 1.2544, -0.9763



21.5370, 45.3624, -51.8154



2.6647, 5.4022, -4.7807

Previews

White Background



This preview shows how the HunterLab color 51.1068, -18.6545, 16.2785 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 51.1068, -18.6545, 16.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

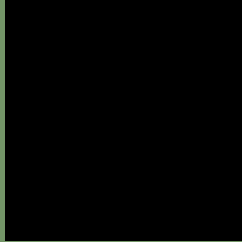
Any Text WCAG AA ✓ Pass

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 51.1068, -18.6545, 16.2785 Background



This preview shows how black text looks on a background with the HunterLab color 51.1068, -18.6545, 16.2785.



This preview shows how white text looks on a background with the HunterLab color 51.1068,

-18.6545, 16.2785.

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

51.1068, -18.6545, 16.2785

Protanopia

50.8430, -4.4967, 17.4850

Deuteranopia

50.9738, 3.3709, 15.6086



Tritanopia

51.1752, -6.4594, -3.9988

Trichromacy



Original Color

51.1068, -18.6545, 16.2785

Protanomaly

50.8757, -10.3033, 17.1184

Deuteranomaly

50.5926, -5.1433, 15.4228

Tritanomaly

50.9835, -11.3408, 4.5610

Monochromacy



Original Color

51.1068, -18.6545, 16.2785

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.4038, -8.5579, 7.8038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1068, -18.6545, 16.2785 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(115, 149, 103)` looks like.

```
.text, #text, p{  
    color:rgb(115, 149, 103)  
}
```

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(115, 149, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 149, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1068, -18.6545, 16.2785 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(115, 149, 103) }
```


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

```
.border{ border-color:rgb(115, 149, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 149, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 149, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 149, 103);  
box-shadow:4px 4px 4px 4px rgb(115, 149,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1068, -18.6545, 16.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 149, 103) }
```

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

```
.background{ background-color: rgb(115,  
149, 103) }
```

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