

Converting Colors

HunterLab(51.5113, -18.7903,
17.2410)

Have a look what the booklet for
HunterLab(51.5113, -18.7903,
17.2410) contains.

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Color

**HunterLab(51.5113,
-18.7903, 17.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	759665
RGB	117, 150, 101
RGB Percent	46%, 59%, 40%
CMY	0.5412, 0.4118, 0.6039
CMYK	0.22, 0.00, 0.33, 0.41
HSL	100°, 20%, 49%
HSV	100°, 33%, 59%
XYZ	20.5914, 26.5341, 16.3482
YIQ	134.5470, -3.9390, -22.2350

Conversions

Conversions Part 2

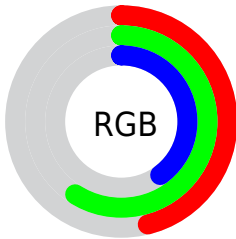
Format	Color
RYB	101, 150, 134
Decimal	7706213
CIELab	58.54, -21.00, 22.22
CIELCh	59, 30.572, 133.383
Yxy	26.5353, 0.3244, 0.4180
Android (android.graphics.Color)	4285896293 (0xFF759665)
YUV	134.5470, -16.5387, -15.3887
Hunter-Lab	51.5113, -18.7903, 17.2410

Details

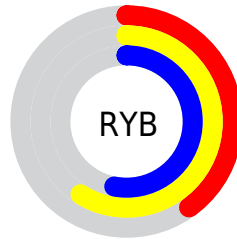
The HunterLab color $51.5113, -18.7903, 17.2410$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $40.7166, 16.3870, -16.6421$, and the grayscale version is $49.1080, -2.6203, 2.6681$.

A 20% lighter version of the original color is $73.4839, -22.1098, 20.9254$, and $32.2087, -15.2483, 13.3798$ is the 20% darker color. If you saturate the color by 10%, you get $50.6015, -22.8068, 20.4651$, and if you desaturate by 10%, it is $52.5306, -14.3617, 13.4681$.

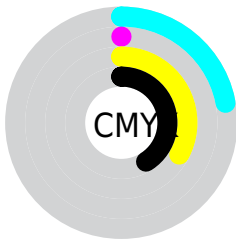
Distribution



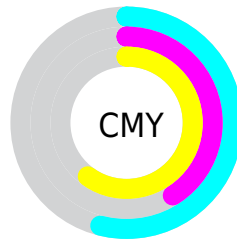
- Red (46%)
- Green (59%)
- Blue (40%)



- Red (40%)
- Yellow (59%)
- Blue (53%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (41%)



- Cyan (54%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5113, -18.7903, 17.2410 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 51.5113, -18.7903, 17.2410 by changing the saturation by 10% instead.

■ 51.5113, -18.7903,
17.2410

■ 51.5113, -18.7903,
17.2410

168.9378,
-33.7356, 32.8662

■ 41.5024, -16.9883,
15.3169

■ 73.5780, -22.2505,
20.9017

■ 32.2408, -15.1094,
13.2970

■ 85.5554, -23.9316,
22.6681

■ 23.7938, -13.1208,
11.1422

■ 98.1202, -25.5914,
24.4058

■ 16.2491, -10.9647,
8.8872

■ 111.2462,
-27.2358, 26.1220

■ 9.7313, -9.9465,
6.8119

124.9103,
-28.8693, 27.8222

0.0000, NaN, NaN

0.0000, NaN, NaN

139.0922,

-30.4953, 29.5108

0.0000, NaN, NaN

153.7735,
-32.1166, 31.1912

0.0000, NaN, NaN

■ 51.5113, -18.7903,
17.2410

■ 51.5113, -18.7903,
17.2410

■ 50.6015, -22.8068,
20.4651

■ 52.5306, -14.3617,
13.4681

■ 49.7984, -26.3830,
23.1261

■ 53.6547, -9.5472,
9.1659

■ 49.1027, -29.5017,
25.2227

■ 54.8824, -4.3802,
4.3625

■ 48.5125, -32.1530,
26.7664

■ 56.2108, 1.1054,
-0.9103

■ 48.0245, -34.3374,
27.7848

■ 57.6368, 6.8758,
-6.6181

■ 47.6338, -36.0688,
28.3262

■ 59.1567, 12.8979,
-12.7252

■ 47.3984, -37.1069,
28.5571

■ 60.7667, 19.1406,
-19.1965

■ 62.4628, 25.5747,
-25.9974

■ 64.2411, 32.1740,
-33.0955

Harmonies

Analogous

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



51.5124, -8.3995, 20.9605



51.5113, -18.7903, 17.2410



51.5124, -24.5433, 9.1392

Triad

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



51.5124, -18.7914, 17.2415



51.5124, -9.6931, -25.5140



51.5124, 23.8343, 8.0001

Complementary

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



51.5113, -18.7903, 17.2410



40.7166, 16.3870, -16.6421

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.



51.5124, 23.3999, -4.4546



51.5113, -18.7903, 17.2410



51.5124, 3.1512, -26.0380

Square

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



51.5124, -18.7914, 17.2415



51.5124, -19.6574, -16.3051



51.5124, 15.5286, -17.5972



51.5124, 16.6624, 16.5863

Rectangle

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



51.5113, -18.7903, 17.2410



51.5124, -25.3645, 1.3837



51.5124, 15.5286, -17.5972



51.5124, 24.5928, 4.1849

Sweetspot

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



51.5124, -18.7914, 17.2415



71.6661, -11.0289, 10.6602



49.3790, -1.8002, 15.6121



33.6428, -5.5925, 5.3865



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.



51.5124, -18.7914, 17.2415



67.5560, -28.8095, 26.0213



50.6836, -21.6289, 13.8720



25.6025, -3.6884, 3.5758



43.1833, -33.7150, 26.0191



4.9286, -3.1057, 2.9826

Inverse Universe

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



40.7166, 16.3870, -16.6421



50.3418, 27.5215, -28.4703



42.1189, 19.9614, -9.6306



24.1149, 1.1243, -1.0277



20.3469, 43.8203, -56.4291



2.5823, 5.2879, -5.0413

Previews

White Background



This preview shows how the HunterLab color 51.5113, -18.7903, 17.2410 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 51.5113, -18.7903, 17.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

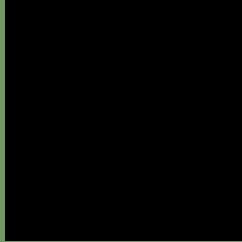
Any Text WCAG AA ✓ Pass

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 51.5113, -18.7903, 17.2410 Background



This preview shows how black text looks on a background with the HunterLab color 51.5113, -18.7903, 17.2410.



This preview shows how white text looks on a background with the HunterLab color 51.5113,

-18.7903, 17.2410.

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

51.5113, -18.7903, 17.2410

Protanopia

51.2783, -4.5058, 18.4423

Deuteranopia

51.4144, 3.3762, 16.6376



Tritanopia

51.4267, -5.5032, -4.1593

Trichromacy



Original Color

51.5113, -18.7903, 17.2410

Protanomaly

51.3004, -10.3549, 18.0749

Deuteranomaly

51.0209, -5.1846, 16.4364

Tritanomaly

51.4956, -11.0145, 5.1474

Monochromacy



Original Color

51.5113, -18.7903, 17.2410

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.7749, -8.7298, 8.1972

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5113, -18.7903, 17.2410 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(117, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 150, 101)  
}
```

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(117, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 150, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5113, -18.7903, 17.2410 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(117, 150, 101) }
```


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

```
.border{ border-color:rgb(117, 150, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 150, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 150,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5113, -18.7903, 17.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 150, 101) }
```

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

```
.background{ background-color: rgb(117,  
150, 101) }
```

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](#).

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