

Converting Colors

HunterLab(51.1522, -16.2198,
12.3089)

Have a look what the booklet for
HunterLab(51.1522, -16.2198,
12.3089) contains.

HunterLab(51.1855, -16.2693, 12.4676)	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(51.1855,
-16.2693, 12.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	759473
RGB	117, 148, 115
RGB Percent	46%, 58%, 45%
CMY	0.5412, 0.4196, 0.5490
CMYK	0.21, 0.00, 0.22, 0.42
HSL	116°, 13%, 52%
HSV	116°, 22%, 58%
XYZ	21.0206, 26.1996, 20.1688
YIQ	134.9690, -7.8830, -16.8350

Conversions

Conversions Part 2

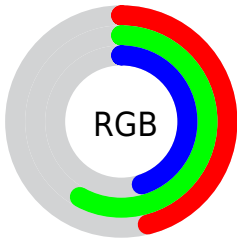
Format	Color
R _Y B	115, 148, 146
Decimal	7705715
CIE Lab	58.23, -17.57, 13.97
CIE LCh	58, 22.447, 141.517
Yxy	26.2007, 0.3119, 0.3888
Android (android.graphics.Color)	4285895795 (0xFF759473)
YUV	134.9690, -9.8447, -15.7588
Hunter-Lab	51.1855, -16.2693, 12.4676

Details

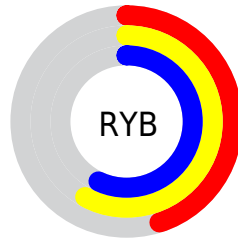
The HunterLab color $51.1855, -16.2693, 12.4676$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45.2895, 12.6991, -8.5503$, and the grayscale version is $49.2508, -2.6279, 2.6759$.

A 20% lighter version of the original color is $73.1964, -19.1518, 15.1546$, and $31.9117, -12.9334, 9.5714$ is the 20% darker color. If you saturate the color by 10%, you get $49.9942, -21.4189, 16.0722$, and if you desaturate by 10%, it is $52.5404, -10.5726, 8.4365$.

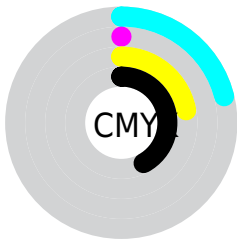
Distribution



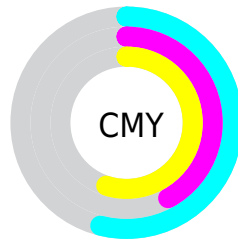
- Red (46%)
- Green (58%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (57%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1855, -16.2693, 12.4676 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 51.1855, -16.2693, 12.4676 by changing the saturation by 10% instead.

■ 51.1855, -16.2693,
12.4676

■ 51.1855, -16.2693,
12.4676

168.4535,
-29.7555, 24.4826

■ 41.1993, -14.6828,
11.0912

■ 73.2110, -19.3435,
15.1578

■ 31.9622, -13.0401,
9.6750

■ 85.1694, -20.8489,
16.4866

■ 23.5421, -11.3150,
8.1969

■ 97.7162, -22.3423,
17.8118

■ 16.0275, -9.4606,
6.6178

110.8249,
-23.8282, 19.1370

■ 9.5447, -8.5356,
6.5874

124.4724,
-25.3101, 20.4649

0.0000, NaN, NaN

138.6382,

0.0000, NaN, NaN

-26.7905, 21.7974

0.0000, NaN, NaN

153.3041,
-28.2718, 23.1362

0.0000, NaN, NaN

■ 51.1855, -16.2693,
12.4676

■ 51.1855, -16.2693,
12.4676

■ 49.9942, -21.4189,
16.0722

■ 52.5404, -10.5726,
8.4365

■ 48.9659, -25.9622,
19.2103

■ 54.0512, -4.3873,
4.0209

■ 48.1022, -29.8546,
21.8526

■ 55.7132, 2.2218,
-0.7328

■ 47.4013, -33.0652,
23.9818

■ 57.5198, 9.1931,
-5.7794

■ 46.8581, -35.5833,
25.5964

■ 59.4638, 16.4683,
-11.0756

■ 46.4643, -37.4215,
26.7140

■ 61.5376, 23.9951,
-16.5820

■ 46.2075, -38.6207,
27.3747

■ 63.7337, 31.7268,
-22.2632

■ 46.0855, -39.1956,
27.7115

■ 66.0446, 39.6237,
-28.0885

■ 68.4630, 47.6517,
-34.0315

Harmonies

Analogous

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



51.1866, -9.2667, 16.4660



51.1855, -16.2693, 12.4676



51.1866, -19.5865, 5.2855

Triad

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



51.1866, -16.2703, 12.4682



51.1866, -5.4026, -17.5667



51.1866, 15.4043, 8.7619

Complementary

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



51.1855, -16.2693, 12.4676



45.2895, 12.6991, -8.5503

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.



51.1866, 16.6275, 0.1542



51.1855, -16.2693, 12.4676



51.1866, 4.1439, -16.1724

Square

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



51.1866, -16.2703, 12.4682



51.1866, -13.6188, -12.7786



51.1866, 12.3740, -9.2576



51.1866, 9.1441, 14.6137

Rectangle

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



51.1855, -16.2693, 12.4676



51.1866, -19.4409, -0.8082



51.1866, 12.3740, -9.2576



51.1866, 16.4355, 6.1375

Sweetspot

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



51.1866, -16.2703, 12.4682



70.7986, -9.8810, 8.2406



52.9445, -6.4902, 14.3464



33.7775, -4.9215, 4.0804



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.



51.1866, -16.2703, 12.4682



67.1337, -25.2919, 19.1446



51.3993, -14.7851, 7.3342



25.4641, -4.1839, 3.4159



42.5967, -36.2019, 25.6141



4.7478, -3.8553, 2.8581

Inverse Universe

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



45.2895, 12.6991, -8.5503



57.5522, 21.8627, -15.0812



45.0233, 10.9151, -1.6239



24.2724, 1.6548, -0.8181



25.5372, 50.8845, -38.9342



2.9015, 5.7392, -4.0970

Previews

White Background



This preview shows how the HunterLab color 51.1855, -16.2693, 12.4676 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 51.1855, -16.2693, 12.4676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

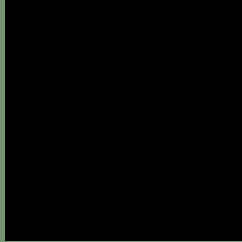
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

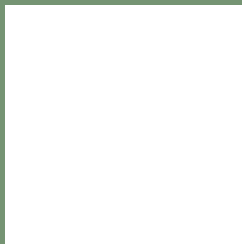
Any Text WCAG AAA × Fail

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

HunterLab 51.1855, -16.2693, 12.4676 Background



This preview shows how black text looks on a background with the HunterLab color 51.1855, -16.2693, 12.4676.



This preview shows how white text looks on a background with the HunterLab color 51.1855,

-16.2693, 12.4676.

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

51.1855, -16.2693, 12.4676

Protanopia

50.9007, -3.8092, 13.7805

Deuteranopia

50.9267, 3.7375, 11.4920



Tritanopia

51.2475, -6.2026, -3.8997

Trichromacy



Original Color

51.1855, -16.2693, 12.4676

Protanomaly

50.8274, -8.4760, 13.2897

Deuteranomaly

50.7635, -4.0209, 11.5534

Tritanomaly

51.1949, -10.2896, 2.6318

Monochromacy



Original Color

51.1855, -16.2693, 12.4676

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.9038, -8.0090, 6.3471

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1855, -16.2693, 12.4676 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, 148, 115)` looks like.

```
.text, #text, p{  
    color:rgb(117, 148, 115)  
}
```

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, 148, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 148, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1855, -16.2693, 12.4676 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, 148, 115) }
```


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

```
.border{ border-color:rgb(117, 148, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 148, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 148, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 148, 115);  
box-shadow:4px 4px 4px 4px rgb(117, 148,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1855, -16.2693, 12.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 148, 115) }
```

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

```
.background{ background-color: rgb(117,  
148, 115) }
```

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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