

Converting Colors

HunterLab(51.0275, -12.0753,
16.8715)

Have a look what the booklet for
HunterLab(51.0275, -12.0753,
16.8715) contains.

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Color

**HunterLab(51.1634,
-12.2682, 17.0444)**

Conversions

Conversions Part 1

Format	Color
Hex	859165
RGB	133, 145, 101
RGB Percent	52%, 57%, 40%
CMY	0.4784, 0.4314, 0.6039
CMYK	0.08, 0.00, 0.30, 0.43
HSL	76°, 18%, 48%
HSV	76°, 30%, 57%
XYZ	22.1472, 26.1769, 16.1973
YIQ	136.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

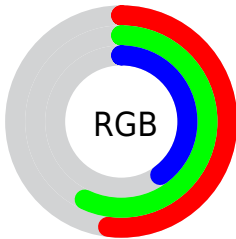
Format	Color
RYB	101, 145, 113
Decimal	8753509
CIELab	58.21, -12.17, 21.97
CIELCh	58, 25.114, 118.988
Yxy	26.1781, 0.3433, 0.4057
Android (android.graphics.Color)	4286943589 (0xFF859165)
YUV	136.3960, -17.4502, -2.9783
Hunter-Lab	51.1634, -12.2682, 17.0444

Details

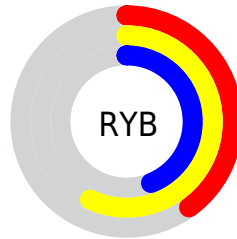
The HunterLab color $51.1634, -12.2682, 17.0444$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $38.5527, 9.2782, -17.2811$, and the grayscale version is $49.8420, -2.6594, 2.7080$.

A 20% lighter version of the original color is $73.2657, -14.7196, 20.8490$, and $32.0777, -9.8085, 13.1437$ is the 20% darker color. If you saturate the color by 10%, you get $50.5989, -14.8678, 20.4778$, and if you desaturate by 10%, it is $51.7841, -9.4152, 12.9999$.

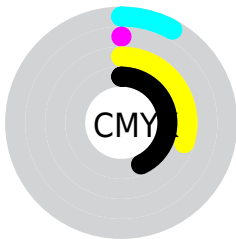
Distribution



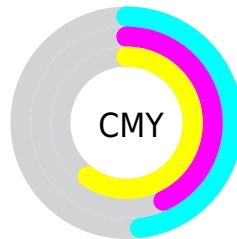
- Red (52%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1634, -12.2682, 17.0444 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 51.1634, -12.2682, 17.0444 by changing the saturation by 10% instead.

■ 51.1634, -12.2682,
17.0444

■ 51.1634, -12.2682,
17.0444

168.4207,
-23.4839, 32.5641

■ 41.1788, -11.0172,
15.1348

■ 73.1861, -14.7425,
20.6781

■ 31.9434, -9.7417,
13.1301

■ 85.1433, -15.9748,
22.4319

■ 23.5251, -8.4265,
10.9911

■ 97.6888, -17.2092,
24.1576

■ 16.0126, -7.0428,
8.7699

■ 110.7963,
-18.4484, 25.8622

■ 9.5321, -6.0762,
6.6725

124.4427,
-19.6942, 27.5512

0.0000, NaN, NaN

138.6075,

0.0000, NaN, NaN

-20.9480, 29.2291

0.0000, NaN, NaN

153.2723,
-22.2110, 30.8991

0.0000, NaN, NaN

■ 51.1634, -12.2682,
17.0444

■ 51.1634, -12.2682,
17.0444

■ 50.5989, -14.8678,
20.4778

■ 51.7841, -9.4152,
12.9999

■ 50.0864, -17.2078,
23.3042

■ 52.4582, -6.3095,
8.3437

■ 49.6255, -19.2909,
25.5380

■ 53.1870, -2.9594,
3.0836

■ 49.2144, -21.1221,
27.2025

■ 53.9704, 0.6261,
-2.7680

■ 48.8504, -22.7112,
28.3321

■ 54.8081, 4.4368,
-9.1946

■ 48.5302, -24.0740,
28.9751

■ 55.6994, 8.4611,
-16.1763

■ 48.2518, -25.2348,
29.2908

■ 56.6435, 12.6870,
-23.6902

■ 57.6395, 17.1019,
-31.7117

■ 58.6863, 21.6931,
-40.2150

Harmonies

Analogous

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



51.1645, -2.3709, 18.6656



51.1634, -12.2682, 17.0444



51.1645, -19.1042, 11.8272

Triad

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



51.1645, -12.2696, 17.0450



51.1645, -12.8472, -16.8472



51.1645, 19.3581, 2.4401

Complementary

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



51.1634, -12.2682, 17.0444



38.5527, 9.2782, -17.2811

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.



51.1645, 15.9973, -8.2842



51.1634, -12.2682, 17.0444



51.1645, -3.0936, -20.7293

Square

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



51.1645, -12.2696, 17.0450



51.1645, -19.4181, -7.5663



51.1645, 7.5582, -17.3176



51.1645, 16.4094, 11.3430

Rectangle

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



51.1634, -12.2682, 17.0444



51.1645, -21.2962, 6.3630



51.1645, 7.5582, -17.3176



51.1645, 18.9245, -1.0716

Sweetspot

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



51.1645, -12.2696, 17.0450



70.3083, -7.9407, 10.3915



43.2562, 6.4304, 9.8907



33.1030, -4.0143, 5.3154



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



51.1645, -12.2696, 17.0450



67.9749, -18.6857, 25.8457



49.5868, -18.1498, 15.5158



24.9248, -2.8117, 3.6787



44.7015, -23.3119, 27.1367



4.4941, -1.8007, 2.7377

Inverse Universe

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



38.5527, 9.2782, -17.2811



47.7434, 16.1219, -29.8744



40.5970, 15.6365, -13.8355



23.0689, 0.3226, -1.2741



14.6436, 37.0518, -83.3588



1.7387, 3.9418, -6.3506

Previews

White Background



This preview shows how the HunterLab color 51.1634, -12.2682, 17.0444 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 51.1634, -12.2682, 17.0444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

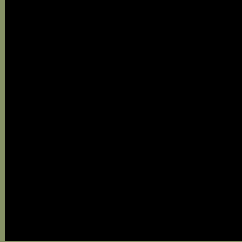
Any Text WCAG AA ✓ Pass

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 51.1634, -12.2682, 17.0444 Background



This preview shows how black text looks on a background with the HunterLab color 51.1634, -12.2682, 17.0444.



This preview shows how white text looks on a background with the HunterLab color 51.1634,

-12.2682, 17.0444.

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

51.1634, -12.2682, 17.0444

Protanopia

51.2214, -4.6320, 17.8175

Deuteranopia

51.0184, 3.4004, 16.5844



Tritanopia

51.2276, -0.6107, -1.8398

Trichromacy



Original Color

51.1634, -12.2682, 17.0444

Protanomaly

51.1814, -7.6968, 17.4363

Deuteranomaly

50.9005, -2.7246, 16.6747

Tritanomaly

51.0236, -5.3082, 5.9811

Monochromacy



Original Color

51.1634, -12.2682, 17.0444

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.0462, -6.2619, 8.5285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1634, -12.2682, 17.0444 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(133, 145, 101)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 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(133, 145, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1634, -12.2682, 17.0444 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(133, 145, 101) }
```


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

```
.border{ border-color:rgb(133, 145, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 101);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1634, -12.2682, 17.0444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 101) }
```

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

```
.background{ background-color: rgb(133,  
145, 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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