

Converting Colors

HunterLab(51.9882, -12.6018,
16.1537)

Have a look what the booklet for
HunterLab(51.9882, -12.6018,
16.1537) contains.

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Color

**HunterLab(51.8600,
-12.5946, 16.1461)**

Conversions

Conversions Part 1

Format	Color
Hex	85936A
RGB	133, 147, 106
RGB Percent	52%, 58%, 42%
CMY	0.4784, 0.4235, 0.5843
CMYK	0.10, 0.00, 0.28, 0.42
HSL	80°, 16%, 50%
HSV	80°, 28%, 58%
XYZ	22.7081, 26.8946, 17.6300
YIQ	138.1400, 4.8170, -15.7190

Conversions

Conversions Part 2

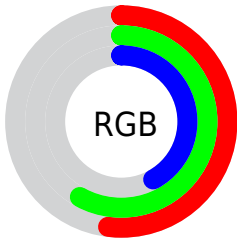
Format	Color
R_{YB}	106, 147, 120
Decimal	8754026
CIE _{Lab}	58.88, -12.49, 20.09
CIE _{LCh}	59, 23.657, 121.873
Yxy	26.8958, 0.3378, 0.4000
Android (android.graphics.Color)	4286944106 (0xFF85936A)
YUV	138.1400, -15.8450, -4.5078
Hunter-Lab	51.8600, -12.5946, 16.1461

Details

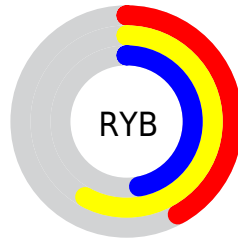
The HunterLab color $51.8600, -12.5946, 16.1461$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40.5074, 9.1682, -15.2844$, and the grayscale version is $50.5299, -2.6961, 2.7454$.

A 20% lighter version of the original color is $73.9466, -15.2099, 19.3630$, and $32.4195, -9.8572, 12.4834$ is the 20% darker color. If you saturate the color by 10%, you get $51.2023, -15.5762, 19.7380$, and if you desaturate by 10%, it is $52.5802, -9.3452, 11.9465$.

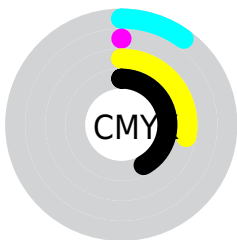
Distribution



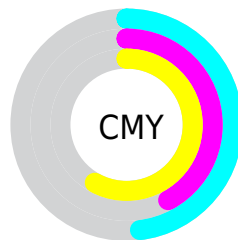
- Red (52%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (47%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8600, -12.5946, 16.1461 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 51.8600, -12.5946, 16.1461 by changing the saturation by 10% instead.

■ 51.8600, -12.5946,
16.1461

■ 51.8600, -12.5946,
16.1461

169.4556,
-23.9458, 30.8165

■ 41.8270, -11.3252,
14.3690

■ 73.9707, -15.1032,
19.5479

■ 32.5392, -10.0303,
12.5118

■ 85.9682, -16.3515,
21.1982

■ 24.0635, -8.6947,
10.5403

■ 98.5523, -17.6014,
22.8268

■ 16.4868, -7.2898,
8.4085

■ 111.6967,
-18.8555, 24.4397

■ 9.9318, -6.0724,
6.9523

125.3786,
-20.1156, 26.0418

0.0000, NaN, NaN

139.5775,

0.0000, NaN, NaN

-21.3834, 27.6368

0.0000, NaN, NaN

154.2753,
-22.6598, 29.2276

0.0000, NaN, NaN

■ 51.8600, -12.5946,
16.1461

■ 51.8600, -12.5946,
16.1461

■ 51.2023, -15.5762,
19.7380

■ 52.5802, -9.3452,
11.9465

■ 50.6031, -18.2803,
22.7212

■ 53.3597, -5.8325,
7.1434

■ 50.0625, -20.7057,
25.1053

■ 54.1992, -2.0684,
1.7493

■ 49.5789, -22.8540,
26.9088

■ 55.0984, 1.9349,
-4.2190

■ 49.1501, -24.7318,
28.1614

■ 56.0564, 6.1640,
-10.7412

■ 48.7728, -26.3514,
28.9070

■ 57.0722, 10.6048,
-17.7937

■ 48.4397, -27.7523,
29.2535

■ 58.1446, 15.2427,
-25.3512

■ 48.3724, -28.0357,
29.3160

■ 59.2722, 20.0633,
-33.3866

■ 60.4537, 25.0520,
-41.8725

Harmonies

Analogous

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



51.8611, -3.4008, 18.0547



51.8600, -12.5946, 16.1461



51.8611, -18.7535, 10.7716

Triad

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



51.8611, -12.5959, 16.1467



51.8611, -11.5794, -16.1727



51.8611, 18.0185, 3.4209

Complementary

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



51.8600, -12.5946, 16.1461



40.5074, 9.1682, -15.2844

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.



51.8611, 15.4195, -6.6247



51.8600, -12.5946, 16.1461



51.8611, -2.1361, -19.1467

Square

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



51.8611, -12.5959, 16.1467



51.8611, -18.1989, -7.8662



51.8611, 7.8468, -15.3652



51.8611, 14.7044, 11.6314

Rectangle

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



51.8600, -12.5946, 16.1461



51.8611, -20.5671, 5.3580



51.8611, 7.8468, -15.3652



51.8611, 17.8068, 0.1531

Sweetspot

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



51.8611, -12.5959, 16.1467



71.3761, -7.9377, 9.7451



45.3844, 4.3972, 10.2285



34.0302, -4.1172, 5.1089



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.



51.8611, -12.5959, 16.1467



68.8803, -19.2084, 24.4879



50.4073, -18.0104, 14.7064



25.7808, -3.0544, 3.7807



45.0539, -26.0413, 27.3061



5.1455, -2.2475, 3.1313

Inverse Universe

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



40.5074, 9.1682, -15.2844



50.6968, 15.8159, -26.2978



42.4327, 15.1968, -12.1592



23.9238, 0.4763, -1.2837



15.5926, 38.4151, -80.7156



2.1174, 4.6817, -6.8151

Previews

White Background



This preview shows how the HunterLab color 51.8600, -12.5946, 16.1461 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 51.8600, -12.5946, 16.1461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

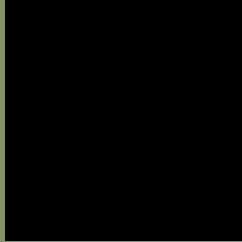
Any Text WCAG AA ✓ Pass

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 51.8600, -12.5946, 16.1461 Background



This preview shows how black text looks on a background with the HunterLab color 51.8600, -12.5946, 16.1461.



This preview shows how white text looks on a background with the HunterLab color 51.8600,

-12.5946, 16.1461.

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

51.8600, -12.5946, 16.1461

Protanopia

51.6763, -4.3483, 17.0440

Deuteranopia

51.7668, 3.3249, 15.7075



Tritanopia

51.7742, -1.5179, -2.1415

Trichromacy



Original Color

51.8600, -12.5946, 16.1461

Protanomaly

51.6373, -7.4083, 16.6513

Deuteranomaly

51.6602, -2.7853, 15.8197

Tritanomaly

51.6842, -5.7905, 5.4514

Monochromacy



Original Color

51.8600, -12.5946, 16.1461

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.7842, -6.4693, 8.1351

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8600, -12.5946, 16.1461 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, 147, 106)` looks like.

```
.text, #text, p{  
    color:rgb(133, 147, 106)  
}
```

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, 147, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 147, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8600, -12.5946, 16.1461 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, 147, 106) }
```


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

```
.border{ border-color:rgb(133, 147, 106) }
```

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

Here you see how a box with a 4 pixel rgb(133, 147, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 147, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 147, 106);  
box-shadow:4px 4px 4px 4px rgb(133, 147,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8600, -12.5946, 16.1461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 147, 106) }
```

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

```
.background{ background-color: rgb(133,  
147, 106) }
```

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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