

Converting Colors

HunterLab(51.8759, -40.0417,
21.6000)

Have a look what the booklet for
HunterLab(51.8759, -40.0417,
21.6000) contains.

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Color

**HunterLab(51.8020,
-40.0089, 21.6198)**

Conversions

Conversions Part 1

Format	Color
Hex	00A354
RGB	0, 163, 84
RGB Percent	0%, 64%, 33%
CMY	1.0000, 0.3608, 0.6706
CMYK	1.00, 0.00, 0.48, 0.36
HSL	151°, 100%, 32%
HSV	151°, 100%, 64%
XYZ	14.6974, 26.8345, 12.7924
YIQ	105.2570, -71.7890, -59.1250

Conversions

Conversions Part 2

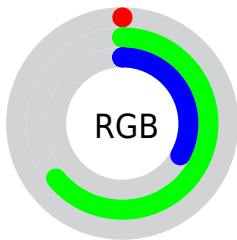
Format	Color
RYB	0, 108, 163
Decimal	41812
CIELab	58.82, -54.13, 31.05
CIELCh	59, 62.403, 150.164
Yxy	26.8356, 0.2706, 0.4940
Android (android.graphics.Color)	4278231892 (0xFF00A354)
YUV	105.2570, -10.4797, -92.3104
Hunter-Lab	51.8020, -40.0089, 21.6198

Details

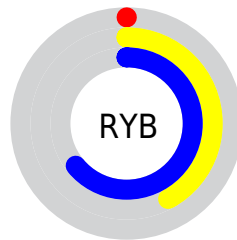
The HunterLab color **51.8020, -40.0089, 21.6198** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **28.8992, 51.4430, 3.5288**, and the grayscale version is **37.7420, -2.0138, 2.0506**.

A 20% lighter version of the original color is **73.8823, -47.3404, 26.3027**, and **33.5846, -27.4448, 17.2676** is the 20% darker color. If you saturate the color by 10%, you get **51.8029, -40.0100, 21.6209**, and if you desaturate by 10%, it is **52.0377, -38.7754, 19.8757**.

Distribution



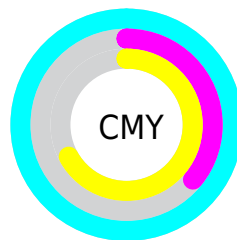
- Red (0%)
- Green (64%)
- Blue (33%)



- Red (0%)
- Yellow (42%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8020, -40.0089, 21.6198 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 51.8020, -40.0089, 21.6198 by changing the saturation by 10% instead.

■ 51.8020, -40.0089,
21.6198

■ 51.8020, -40.0089,
21.6198

169.3694,
-69.8520, 41.2828

■ 41.7729, -35.9577,
19.0826

■ 73.9053, -47.4602,
26.3690

■ 32.4895, -31.6014,
16.3908

■ 85.8995, -50.9440,
28.6260

■ 24.0186, -26.8346,
13.4929

■ 98.4803, -54.3051,
30.8257

■ 16.4471, -21.6299,
11.1589

■ 111.6217,
-57.5639, 32.9792

■ 9.8984, -17.3221,
6.9288

■ 125.3006,
-60.7364, 35.0954

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.4967,

-63.8353, 37.1811

0.0000, NaN, NaN

154.1918,
-66.8710, 39.2421

0.0000, NaN, NaN

■ 51.8020, -40.0089,
21.6198

■ 51.8020, -40.0089,
21.6198

■ 51.8029, -40.0100,
21.6209

■ 52.0377, -38.7754,
19.8757

■ 52.3723, -37.1081,
18.0293

■ 52.8417, -34.8748,
16.1243

■ 53.4585, -32.0442,
14.1882

■ 54.2310, -28.6085,
12.2476

■ 55.1644, -24.5793,
10.3283

■ 56.2611, -19.9835,
8.4535

■ 57.5211, -14.8605,
6.6441

■ 58.9422, -9.2574,
4.9175

Harmonies

Analogous

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



51.8030, -25.9903, 29.6771



51.8020, -40.0089, 21.6198



51.8030, -44.5491, 2.6805

Triad

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



51.8030, -40.0094, 21.6201



51.8030, -2.6206, -72.9721



51.8030, 49.1324, 21.7586

Complementary

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



51.8020, -40.0089, 21.6198



28.8992, 51.4430, 3.5288

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.



51.8030, 58.7579, 2.9587



51.8020, -40.0089, 21.6198



51.8030, 25.4413, -59.1347

Square

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



51.8030, -40.0094, 21.6201



51.8030, -25.7837, -59.4147



51.8030, 49.3317, -27.6022



51.8030, 25.1367, 29.7241

Rectangle

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



51.8020, -40.0089, 21.6198



51.8030, -42.4852, -16.8541



51.8030, 49.3317, -27.6022



51.8030, 54.3483, 16.9145

Sweetspot

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



51.8030, -40.0094, 21.6201



75.2021, -27.1069, 11.4514



52.8840, -36.7377, 31.9434



35.3501, -14.0503, 5.9009



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.8030, -40.0094, 21.6201



69.2948, -53.7245, 29.3633



53.7028, -28.4704, -5.6638



28.2013, -4.2180, 2.2902



45.6778, -35.2089, 18.9126



6.6927, -4.6637, 1.7024

Inverse Universe

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



28.8992, 51.4430, 3.5288



38.6212, 68.6539, 5.4691



27.9052, 47.7871, 18.0312



26.7217, 1.4002, 0.7490



25.4941, 45.4161, 2.8556



3.8225, 7.0422, -1.3747

Previews

White Background



This preview shows how the HunterLab color 51.8020, -40.0089, 21.6198 looks on a white background.

Color Contrast Check

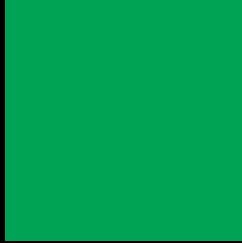
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8020, -40.0089, 21.6198 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 51.8020, -40.0089, 21.6198 Background



This preview shows how black text looks on a background with the HunterLab color 51.8020, -40.0089, 21.6198.



This preview shows how white text looks on a background with the HunterLab color 51.8020,

-40.0089, 21.6198.

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

51.8020, -40.0089, 21.6198

Protanopia

51.5171, -5.7959, 23.7740

Deuteranopia

51.2255, 3.6574, 20.1733



Tritanopia

51.8541, -20.4343, -9.6552

Trichromacy



Original Color

51.8020, -40.0089, 21.6198



Protanomaly

49.7112, -24.8593, 21.3741



Deuteranomaly

49.1361, -20.3396, 18.7809



Tritanomaly

51.3058, -29.4652, 4.1812

Monochromacy



Original Color

51.8020, -40.0089, 21.6198



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

41.2045, -20.4122, 8.7595

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8020, -40.0089, 21.6198 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(0, 163, 84)` looks like.

```
.text, #text, p{  
  color:rgb(0, 163, 84)  
}
```

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(0, 163, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8020, -40.0089, 21.6198 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(0, 163, 84) }
```


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

```
.border{ border-color:rgb(0, 163, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 84);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.8020, -40.0089, 21.6198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 84) }
```

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

```
.background{ background-color: rgb(0, 163,  
84) }
```

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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