

Converting Colors

HunterLab(30.2768, 16.0897,
18.9381)

Have a look what the booklet for
HunterLab(30.2768, 16.0897,
18.9381) contains.

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Color

**HunterLab(30.4020, 16.0841,
19.0151)**

Conversions

Conversions Part 1

Format	Color
Hex	854500
RGB	133, 69, 0
RGB Percent	52%, 27%, 0%
CMY	0.4784, 0.7294, 1.0000
CMYK	0.00, 0.48, 1.00, 0.48
HSL	31°, 100%, 26%
HSV	31°, 100%, 52%
XYZ	11.8010, 9.2428, 1.1621
YIQ	80.2700, 60.2930, -7.8910

Conversions

Conversions Part 2

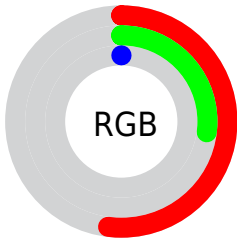
Format	Color
R_{YB}	123, 133, 0
Decimal	8733952
CIE _{Lab}	36.45, 23.37, 46.39
CIE _{LCh}	36, 51.946, 63.265
Yxy	9.2433, 0.5314, 0.4162
Android (android.graphics.Color)	4286924032 (0xFF854500)
YUV	80.2700, -39.5731, 46.2442
Hunter-Lab	30.4020, 16.0841, 19.0151

Details

The HunterLab color **30.4020, 16.0841, 19.0151** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **23.1519, 6.2602, -42.4514**, and the grayscale version is **28.5448, -1.5231, 1.5509**.

A 20% lighter version of the original color is **49.4170, 17.7634, 26.7204**, and **14.9367, 14.3393, 9.4550** is the 20% darker color. If you saturate the color by 10%, you get **30.4025, 16.0827, 19.0154**, and if you desaturate by 10%, it is **31.7860, 13.3967, 19.0914**.

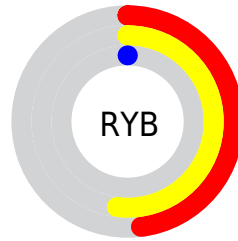
Distribution



Red (52%)

Green (27%)

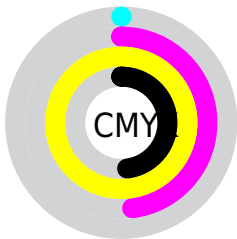
Blue (0%)



Red (48%)

Yellow (52%)

Blue (0%)

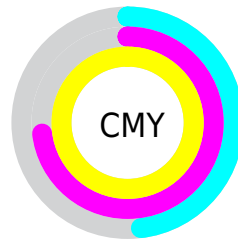


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4020, 16.0841, 19.0151 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 30.4020, 16.0841, 19.0151 by changing the saturation by 10% instead.

30.4020, 16.0841,
19.0151

30.4020, 16.0841,
19.0151

136.0819, 20.1085,
48.3786

22.1365, 15.1238,
15.4955

49.3581, 17.6050,
26.6363

14.7947, 14.0103,
10.3563

59.9222, 18.2020,
30.1200

8.4493, 13.0621,
5.9145

71.1481, 18.7059,
33.4377

0.0000, INF, NaN

0.0000, NaN, NaN

82.9988, 19.1262,
36.6188

0.0000, NaN, NaN

95.4430, 19.4707,
39.6866

0.0000, NaN, NaN

108.4535, 19.7457,

0.0000, NaN, NaN

42.6597

0.0000, NaN, NaN

■ 122.0068, 19.9568,
45.5531

■ 30.4020, 16.0841,
19.0151

■ 30.4020, 16.0841,
19.0151

■ 30.4025, 16.0827,
19.0154

■ 31.7860, 13.3967,
19.0914

■ 33.2699, 10.8204,
18.8849

■ 34.8597, 8.4331,
18.2283

■ 36.5493, 6.2515,
17.1273

■ 38.3324, 4.2813,
15.6021

■ 40.2024, 2.5213,
13.6800

■ 42.1530, 0.9650,
11.3915

■ 44.1782, -0.3971,
8.7676

■ 46.2725, -1.5762,
5.8379

Harmonies

Analogous

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



30.4028, 34.1838, 14.9758



30.4020, 16.0841, 19.0151



30.4028, -3.6225, 19.7848

Triad

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



30.4028, 16.0820, 19.0154



30.4028, -29.6016, -0.3352



30.4028, 20.4405, -42.3851

Complementary

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



30.4020, 16.0841, 19.0151



23.1519, 6.2602, -42.4514

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.



30.4028, 0.4279, -55.1826



30.4020, 16.0841, 19.0151



30.4028, -26.0078, -23.3574

Square

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



30.4028, 16.0820, 19.0154



30.4028, -27.3082, 13.2775



30.4028, -16.0228, -46.7005



30.4028, 37.0935, -17.8319

Rectangle

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



30.4020, 16.0841, 19.0151



30.4028, -14.4319, 19.2146



30.4028, -16.0228, -46.7005



30.4028, 13.7335, -48.7013

Sweetspot

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



30.4028, 16.0820, 19.0154



56.2276, 1.4255, 15.4687



23.1517, 41.2600, 2.4573



26.2412, 1.0184, 7.8817



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



30.4028, 16.0820, 19.0154



40.2940, 22.4046, 25.2212



46.4574, -13.2394, 28.3950



22.4914, -0.8089, 2.6959



29.6993, 15.6350, 18.5743



2.1254, 0.1671, 1.3126

Inverse Universe

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



23.1519, 6.2602, -42.4514



30.4733, 9.3972, -58.3747



13.0685, 35.3365, -92.0027



22.1062, -1.4972, -0.3531



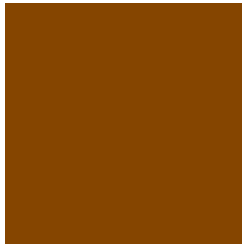
22.6306, 6.0403, -41.3255



1.7951, -0.4280, -1.3199

Previews

White Background



This preview shows how the HunterLab color 30.4020, 16.0841, 19.0151 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.4020, 16.0841, 19.0151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

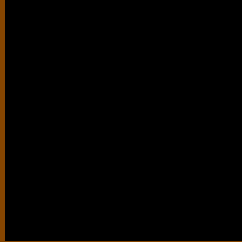
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 30.4020, 16.0841, 19.0151 Background



This preview shows how black text looks on a background with the HunterLab color 30.4020, 16.0841, 19.0151.



This preview shows how white text looks on a background with the HunterLab color 30.4020, 16.0841,

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

30.4020, 16.0841, 19.0151

Protanopia

30.7201, -4.3380, 18.2426

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

30.4095, 22.5005, 8.1547

Trichromacy



Original Color

30.4020, 16.0841, 19.0151

Protanomaly

30.2195, 3.0092, 18.2794

Deuteranomaly

30.2643, 6.7555, 18.7670

Tritanomaly

30.2434, 19.2827, 14.3019

Monochromacy



Original Color

30.4020, 16.0841, 19.0151

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.3911, 2.6725, 11.0007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4020, 16.0841, 19.0151 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, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 69, 0)  
}
```

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, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 69, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4020, 16.0841, 19.0151 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, 69, 0) }
```


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

```
.border{ border-color:rgb(133, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 69, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.4020, 16.0841, 19.0151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 69, 0) }
```

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

```
.background{ background-color: rgb(133, 69,  
0) }
```

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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