

Converting Colors

HunterLab(23.3604, -17.8000,
16.3523)

Have a look what the booklet for
HunterLab(23.3604, -17.8000,
16.3523) contains.

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Color

**HunterLab(23.3670,
-16.8333, 14.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4C00
RGB	31, 76, 0
RGB Percent	12%, 30%, 0%
CMY	0.8784, 0.7020, 1.0000
CMYK	0.59, 0.00, 1.00, 0.70
HSL	96°, 100%, 15%
HSV	96°, 100%, 30%
XYZ	3.1495, 5.4602, 0.8879
YIQ	53.8810, -2.4240, -33.1760

Conversions

Conversions Part 2

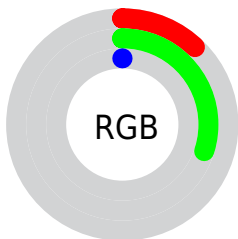
Format	Color
RYB	0, 76, 45
Decimal	2051072
CIELab	28.01, -29.09, 35.59
CIELCh	28, 45.965, 129.264
Yxy	5.4604, 0.3316, 0.5749
Android (android.graphics.Color)	4280241152 (0xFF1F4C00)
YUV	53.8810, -26.5633, -20.0666
Hunter-Lab	23.3670, -16.8333, 14.1040

Details

The HunterLab color **23.3670, -16.8333, 14.1040** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **10.3916, 22.8162, -32.2108**, and the grayscale version is **19.2544, -1.0274, 1.0461**.

A 20% lighter version of the original color is **40.8551, -21.7366, 20.4149**, and **10.4293, -8.9432, 6.2700** is the 20% darker color. If you saturate the color by 10%, you get **23.3674, -16.8340, 14.1042**, and if you desaturate by 10%, it is **23.5624, -15.9588, 13.6904**.

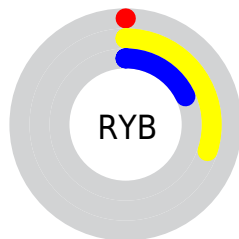
Distribution



Red (12%)

Green (30%)

Blue (0%)



Red (0%)

Yellow (30%)

Blue (18%)

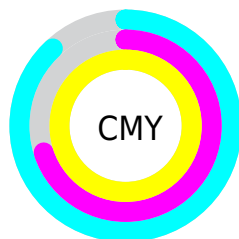


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (88%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3670, -16.8333, 14.1040 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 23.3670, -16.8333, 14.1040 by changing the saturation by 10% instead.

■ 23.3670, -16.8333,
14.1040

■ 23.3670, -16.8333,
14.1040

■ 124.1680,
-36.8848, 38.3868

■ 15.8740, -13.9105,
11.1118

■ 40.9888, -21.9489,
20.4626

■ 9.4156, -13.9659,
6.5910

■ 50.9603, -24.2839,
23.3368

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.6304, -26.5223,
26.0662

0.0000, NaN, NaN

■ 72.9560, -28.6873,
28.6815

0.0000, NaN, NaN

■ 84.9012, -30.7952,
31.2057

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.4354, -32.8584,

33.6561

0.0000, NaN, NaN

■ 110.5320,
-34.8858, 36.0463

■ 23.3670, -16.8333,
14.1040

■ 23.3670, -16.8333,
14.1040

■ 23.3674, -16.8340,
14.1042

■ 23.5624, -15.9588,
13.6904

■ 23.7808, -14.9903,
13.2455

■ 24.0350, -13.8578,
12.5935

■ 24.3267, -12.5555,
11.7104

■ 24.6568, -11.0853,
10.5894

■ 25.0256, -9.4516,
9.2282

■ 25.4331, -7.6609,
7.6285

■ 25.8791, -5.7215,
5.7953

■ 26.3630, -3.6424,
3.7359

Harmonies

Analogous

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



23.3675, -5.7089, 15.8385



23.3670, -16.8333, 14.1040



23.3675, -22.5545, 9.0457

Triad

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



23.3675, -16.8337, 14.1041



23.3675, -10.6019, -41.6372



23.3675, 34.5410, 5.2689

Complementary

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



23.3670, -16.8333, 14.1040



10.3916, 22.8162, -32.2108

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.



23.3675, 32.2745, -10.6660



23.3670, -16.8333, 14.1040



23.3675, 3.5747, -45.1882

Square

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



23.3675, -16.8337, 14.1041



23.3675, -19.6372, -23.5818



23.3675, 19.9321, -31.4667



23.3675, 25.5137, 12.8208

Rectangle

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



23.3670, -16.8333, 14.1040



23.3675, -23.6472, 1.6215



23.3675, 19.9321, -31.4667



23.3675, 35.1159, 0.9169

Sweetspot

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



23.3675, -16.8337, 14.1041



33.5122, -10.3951, 10.3291



18.3385, 5.8089, 11.4016



17.1147, -5.6144, 5.5543



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.3675, -16.8337, 14.1041



30.7761, -22.5285, 18.5697



22.7662, -19.3041, 13.2167



13.7660, -1.7479, 1.7946



31.6016, -23.1631, 19.0673



76.5994, -57.7695, 46.1888

Inverse Universe

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



10.3916, 22.8162, -32.2108



13.5494, 29.9159, -43.2763



14.0521, 27.1809, -15.0823



13.0295, 0.3513, -0.4060



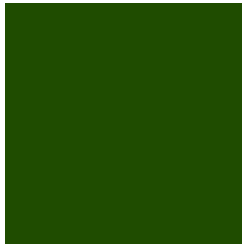
13.9011, 30.7068, -44.5111



33.0311, 73.7776, -112.0721

Previews

White Background



This preview shows how the HunterLab color 23.3670, -16.8333, 14.1040 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

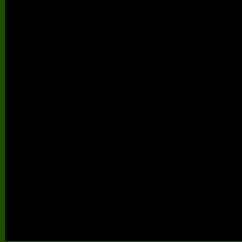
Any Text WCAG AA × Fail

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 23.3670, -16.8333, 14.1040 Background



This preview shows how black text looks on a background with the HunterLab color 23.3670, -16.8333, 14.1040.



This preview shows how white text looks on a background with the HunterLab color 23.3670,

-16.8333, 14.1040.

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

23.3670, -16.8333, 14.1040

Protanopia

23.2213, -3.3568, 14.2501

Deuteranopia

23.3054, 0.8684, 13.1288



Tritanopia

23.5412, -6.6665, -2.8314

Trichromacy



Original Color

23.3670, -16.8333, 14.1040

Protanomaly

23.0437, -9.3900, 14.0350

Deuteranomaly

22.9045, -7.0686, 13.2465

Tritanomaly

23.2590, -11.9031, 6.9956

Monochromacy



Original Color

23.3670, -16.8333, 14.1040

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.3509, -8.0897, 7.9895

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3670, -16.8333, 14.1040 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(31, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(31, 76, 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(31, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 76, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3670, -16.8333, 14.1040 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(31, 76, 0) }
```


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

```
.border{ border-color:rgb(31, 76, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 76, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 76, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 76, 0); box-shadow:4px  
4px 4px 4px rgb(31, 76, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.3670, -16.8333, 14.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 76, 0) }
```

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

```
.background{ background-color: rgb(31, 76,  
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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