

Converting Colors

HunterLab(16.0688, 20.6191,
5.8357)

Have a look what the booklet for
HunterLab(16.0688, 20.6191,
5.8357) contains.

HunterLab(16.0802, 20.6769, 5.7416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(16.0802, 20.6769,
5.7416)**

Conversions

Conversions Part 1

Format	Color
Hex	57131E
RGB	87, 19, 30
RGB Percent	34%, 7%, 12%
CMY	0.6588, 0.9255, 0.8824
CMYK	0.00, 0.78, 0.66, 0.66
HSL	350°, 64%, 21%
HSV	350°, 78%, 34%
XYZ	4.3977, 2.5857, 1.4956
YIQ	40.5860, 36.9970, 17.8370

Conversions

Conversions Part 2

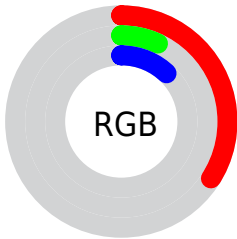
Format	Color
R_{YB}	87, 19, 30
Decimal	5706526
CIE _{Lab}	18.30, 31.65, 11.24
CIE _{LCh}	18, 33.584, 19.561
Yxy	2.5859, 0.5186, 0.3050
Android (android.graphics.Color)	4283896606 (0xFF57131E)
YUV	40.5860, -5.2189, 40.7051
Hunter-Lab	16.0802, 20.6769, 5.7416

Details

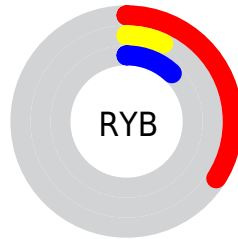
The HunterLab color **16.0802, 20.6769, 5.7416** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **27.3436, -15.3319, 1.7530**, and the grayscale version is **14.7653, -0.7878, 0.8022**.

A 20% lighter version of the original color is **32.0593, 23.2609, 8.5048**, and **6.4363, 11.0564, 3.8951** is the 20% darker color. If you saturate the color by 10%, you get **15.2007, 22.6489, 6.6610**, and if you desaturate by 10%, it is **17.2575, 18.1782, 4.8557**.

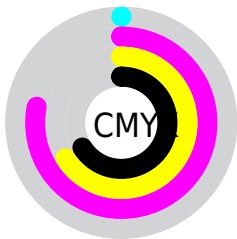
Distribution



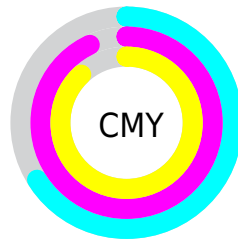
- Red (34%)
- Green (7%)
- Blue (12%)



- Red (34%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (78%)
- Yellow (66%)
- Black (66%)



- Cyan (66%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0802, 20.6769, 5.7416 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 16.0802, 20.6769, 5.7416 by changing the saturation by 10% instead.

■ 16.0802, 20.6769,
5.7416

■ 16.0802, 20.6769,
5.7416

■ 110.9260, 29.4301,
16.7282

■ 9.5894, 19.1354,
5.3852

■ 32.0291, 23.4439,
8.3343

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.2721, 24.6223,
9.5589

0.0000, NaN, NaN

■ 51.2648, 25.6749,
10.7623

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.9548, 26.6138,
11.9550

0.0000, NaN, NaN

■ 73.2991, 27.4499,
13.1439

0.0000, NaN, NaN

■ 85.2621, 28.1928,

0.0000, NaN, NaN

14.3336

97.8132, 28.8505,
15.5276

16.0802, 20.6769,
5.7416

16.0802, 20.6769,
5.7416

15.2007, 22.6489,
6.6610

17.2575, 18.1782,
4.8557

14.4802, 24.4258,
7.4357

18.7054, 15.3550,
4.0575

14.3462, 24.7906,
7.5469

20.3908, 12.3750,
3.3761

22.2800, 9.3562,
2.8191

24.3423, 6.3688,
2.3809

■ 26.5518, 3.4484,
2.0497

■ 28.8868, 0.6084,
1.8117

■ 31.3300, -2.1502,
1.6536

■ 33.8673, -4.8328,
1.5634

Harmonies

Analogous

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



16.0807, 21.8119, -2.6699



16.0802, 20.6769, 5.7416



16.0807, 13.0634, 9.7109

Triad

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



16.0807, 20.6754, 5.7419



16.0807, -12.7030, 8.7373



16.0807, -4.0905, -28.0369

Complementary

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



16.0802, 20.6769, 5.7416



27.3436, -15.3319, 1.7530

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.



16.0807, -11.2280, -19.2394



16.0802, 20.6769, 5.7416



16.0807, -15.3618, 3.7612

Square

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



16.0807, 20.6754, 5.7419



16.0807, -6.6218, 11.2565



16.0807, -14.8946, -6.2427



16.0807, 5.8507, -26.2953

Rectangle

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



16.0802, 20.6769, 5.7416



16.0807, 6.1616, 11.2341



16.0807, -14.8946, -6.2427



16.0807, -6.8495, -26.0773

Sweetspot

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



16.0807, 20.6754, 5.7419



33.0521, 6.6231, 2.9031



16.3613, 24.9065, -22.1571



16.0053, 3.7013, 1.4850



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



16.0807, 20.6754, 5.7419



19.1549, 31.1822, 9.7100



19.2506, 11.4157, 10.1638



14.5756, 0.3964, 0.9251



17.8143, 30.7403, 9.7063



42.1114, 72.4484, 24.6429

Inverse Universe

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



16.0807, 20.6754, 5.7419



19.1549, 31.1822, 9.7100



21.2868, -5.0410, -12.0858



14.5756, 0.3964, 0.9251



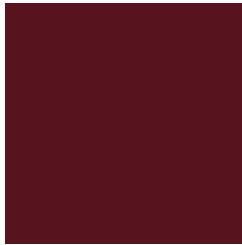
17.8143, 30.7403, 9.7063



42.1114, 72.4484, 24.6429

Previews

White Background



This preview shows how the HunterLab color 16.0802, 20.6769, 5.7416 looks on a white background.

Color Contrast Check

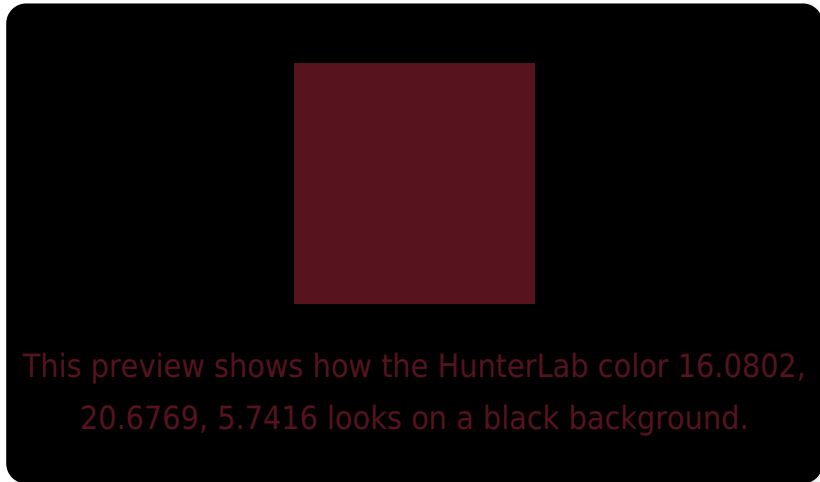
Large Text (above 18pt) WCAG AA ✓ Pass

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

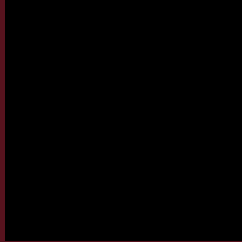
Any Text WCAG AA × Fail

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 16.0802, 20.6769, 5.7416 Background



This preview shows how black text looks on a background with the HunterLab color 16.0802, 20.6769, 5.7416.



This preview shows how white text looks on a background with the HunterLab color 16.0802, 20.6769,

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

16.0802, 20.6769, 5.7416

Protanopia

16.6345, -0.7398, 2.7599

Deuteranopia

16.5705, 0.8889, 6.7294



Tritanopia

16.1762, 19.5160, 7.7090

Trichromacy



Original Color

16.0802, 20.6769, 5.7416

Protanomaly

15.6591, 6.9614, 3.1440

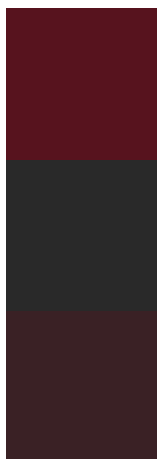
Deuteranomaly

15.8434, 8.1326, 6.0246

Tritanomaly

16.1012, 19.9976, 7.0895

Monochromacy



Original Color

16.0802, 20.6769, 5.7416

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.5631, 6.6613, 1.9645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0802, 20.6769, 5.7416 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(87, 19, 30)` looks like.

```
.text, #text, p{  
    color:rgb(87, 19, 30)  
}
```

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(87, 19, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 19, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0802, 20.6769, 5.7416 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(87, 19, 30) }
```


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

```
.border{ border-color:rgb(87, 19, 30) }
```

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

Here you see how a box with a 4 pixel rgb(87, 19, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 19, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 19, 30);  
box-shadow:4px 4px 4px 4px rgb(87, 19, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0802, 20.6769, 5.7416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 19, 30) }
```

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

```
.background{ background-color: rgb(87, 19,  
30) }
```

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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