

Converting Colors

HunterLab(16.2726, -1.6820,
6.1140)

Have a look what the booklet for
HunterLab(16.2726, -1.6820, 6.1140)
contains.

HunterLab(16.1520, -1.7116, 6.1166)	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(16.1520, -1.7116,
6.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	312D1B
RGB	49, 45, 27
RGB Percent	19%, 18%, 11%
CMY	0.8078, 0.8235, 0.8941
CMYK	0.00, 0.08, 0.45, 0.81
HSL	49°, 29%, 15%
HSV	49°, 45%, 19%
XYZ	2.4028, 2.6089, 1.4138
YIQ	44.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

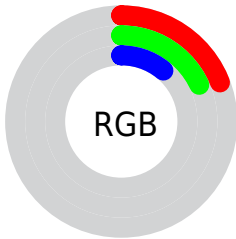
Format	Color
R_{YB}	32, 49, 27
Decimal	3222811
CIE Lab	18.40, -1.55, 12.31
CIE LCh	18, 12.406, 97.169
Yxy	2.6090, 0.3739, 0.4060
Android (android.graphics.Color)	4281412891 (0xFF312D1B)
YUV	44.1440, -8.4520, 4.2587
Hunter-Lab	16.1520, -1.7116, 6.1166

Details

The HunterLab color **16.1520, -1.7116, 6.1166** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.9779, 1.3380, -6.9792**, and the grayscale version is **15.9429, -0.8507, 0.8662**.

A 20% lighter version of the original color is **32.2861, -2.8596, 8.8973**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.8774, -1.7343, 6.8997**, and if you desaturate by 10%, it is **16.4386, -1.6345, 5.1977**.

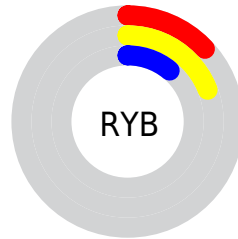
Distribution



Red (19%)

Green (18%)

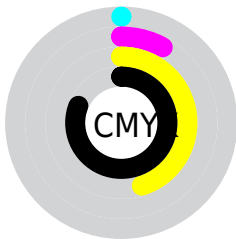
Blue (11%)



Red (13%)

Yellow (19%)

Blue (11%)

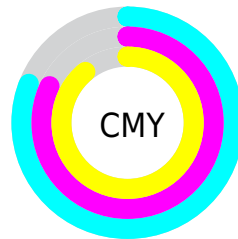


Cyan (0%)

Magenta (8%)

Yellow (45%)

Black (81%)



Cyan (81%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1520, -1.7116, 6.1166 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 16.1520, -1.7116, 6.1166 by changing the saturation by 10% instead.

■ 16.1520, -1.7116,
6.1166

■ 16.1520, -1.7116,
6.1166

■ 111.0625, -7.5595,
17.6944

■ 9.6498, -1.2277,
5.8178

■ 32.1193, -2.7878,
8.8870

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.3702, -3.3775,
10.1853

0.0000, NaN, NaN

■ 51.3703, -3.9999,
11.4558

0.0000, NaN, NaN

■ 62.0671, -4.6538,
12.7102

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.4179, -5.3378,
13.9566

0.0000, NaN, NaN

■ 85.3870, -6.0507,

0.0000, NaN, NaN

15.2004

■ 97.9440, -6.7916,
16.4454

■ 16.1520, -1.7116,
6.1166

■ 16.1520, -1.7116,
6.1166

■ 15.8774, -1.7343,
6.8997

■ 16.4386, -1.6345,
5.1977

■ 15.6137, -1.7011,
7.5462

■ 16.7362, -1.5016,
4.1439

■ 15.3612, -1.6135,
8.0572

■ 17.0449, -1.3140,
2.9578

■ 15.1182, -1.4807,
8.4564

■ 17.3647, -1.0726,
1.6424

■ 14.8771, -1.3455,
8.8575

■ 17.6954, -0.7786,
0.2013

■ 14.7543, -1.2779,
9.0692

■ 18.0368, -0.4333,
-1.3615

■ 18.3887, -0.0382,
-3.0416

■ 18.7509, 0.4049,
-4.8345

■ 19.1231, 0.8944,
-6.7357

Harmonies

Analogous

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



16.1524, 1.8935, 5.8216



16.1520, -1.7116, 6.1166



16.1524, -4.8116, 5.2721

Triad

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



16.1524, -1.7121, 6.1168



16.1524, -5.9860, -3.5942



16.1524, 5.9775, -1.8709

Complementary

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



16.1520, -1.7116, 6.1166



11.9779, 1.3380, -6.9792

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.



16.1524, 3.5062, -5.2514



16.1520, -1.7116, 6.1166



16.1524, -3.4456, -6.3878

Square

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



16.1524, -1.7121, 6.1168



16.1524, -7.1359, 0.0412



16.1524, 0.0046, -7.0524



16.1524, 6.5433, 1.6746

Rectangle

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



16.1520, -1.7116, 6.1166



16.1524, -6.2452, 4.0393



16.1524, 0.0046, -7.0524



16.1524, 5.3322, -3.0853

Sweetspot

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



16.1524, -1.7121, 6.1168



21.9858, -1.6578, 3.6138



12.3934, 5.7682, 1.5250



12.0498, -0.9215, 2.0508



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.1524, -1.7121, 6.1168



20.3647, -2.2291, 9.0637



16.6394, -4.9567, 6.4715



9.8568, -0.6630, 1.2020



26.2775, -1.6398, 16.1633



68.0426, -2.7726, 41.8790

Inverse Universe

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



11.9779, 1.3380, -6.9792



13.6744, 2.8628, -12.3934



11.5981, 4.4038, -7.6304



9.3983, -0.3451, -0.1969



10.5007, 15.6600, -46.9306



25.4438, 48.2908, -136.0486

Previews

White Background



This preview shows how the HunterLab color 16.1520, -1.7116, 6.1166 looks on a white background.

Color Contrast Check

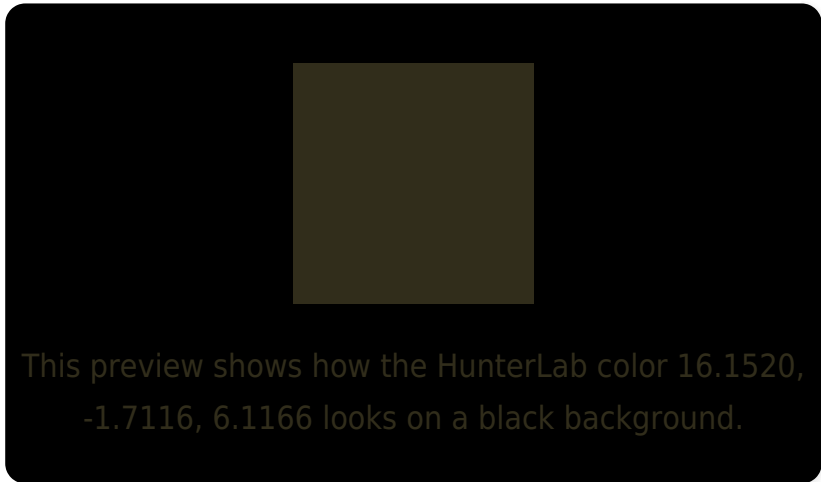
Large Text (above 18pt) WCAG AA ✓ Pass

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

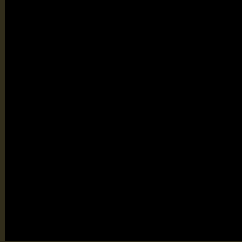
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

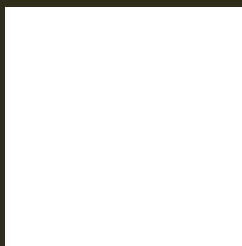
Any Text WCAG AAA × Fail

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

HunterLab 16.1520, -1.7116, 6.1166 Background



This preview shows how black text looks on a background with the HunterLab color 16.1520, -1.7116, 6.1166.

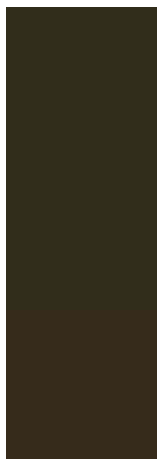


This preview shows how white text looks on a background with the HunterLab color 16.1520, -1.7116, 6.1166.

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

16.1520, -1.7116, 6.1166

Protanopia

16.1520, -1.7116, 6.1166

Deuteranopia

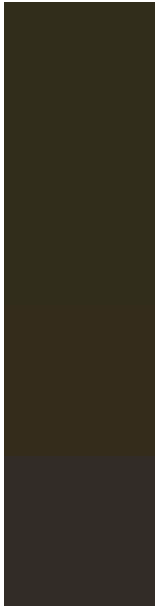
16.0971, 0.4733, 6.1080



Tritanopia

16.2136, 1.5962, 0.5667

Trichromacy



Original Color

16.1520, -1.7116, 6.1166

Protanomaly

16.1520, -1.7116, 6.1166

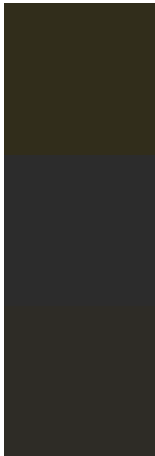
Deuteranomaly

16.1572, -0.4937, 6.1424

Tritanomaly

16.2048, 0.0861, 2.9639

Monochromacy



Original Color

16.1520, -1.7116, 6.1166

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.8813, -1.0728, 2.9213

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1520, -1.7116, 6.1166 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(49, 45, 27)` looks like.

```
.text, #text, p{  
    color:rgb(49, 45, 27)  
}
```

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(49, 45, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 45, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1520, -1.7116, 6.1166 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(49, 45, 27) }
```


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

```
.border{ border-color:rgb(49, 45, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 45, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 45, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 45, 27);  
box-shadow:4px 4px 4px 4px rgb(49, 45, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1520, -1.7116, 6.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 45, 27) }
```

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

```
.background{ background-color: rgb(49, 45,  
27) }
```

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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