

Converting Colors

HunterLab(12.0157, 14.9881,
8.4110)

Have a look what the booklet for
HunterLab(12.0157, 14.9881,
8.4110) contains.

HunterLab(12.0675, 15.0659, 7.6997)	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(12.0675, 15.0659,
7.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	430C00
RGB	67, 12, 0
RGB Percent	26%, 5%, 0%
CMY	0.7373, 0.9529, 1.0000
CMYK	0.00, 0.82, 1.00, 0.74
HSL	11°, 100%, 13%
HSV	11°, 100%, 26%
XYZ	2.4462, 1.4562, 0.1522
YIQ	27.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

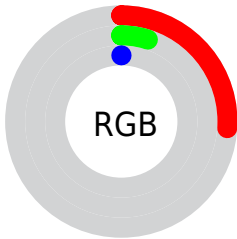
Format	Color
RYB	67, 15, 0
Decimal	4393984
CIELab	12.33, 25.52, 19.08
CIELCh	12, 31.864, 36.779
Yxy	1.4563, 0.6033, 0.3592
Android (android.graphics.Color)	4282584064 (0xFF430C00)
YUV	27.0770, -13.3490, 35.0125
Hunter-Lab	12.0675, 15.0659, 7.6997

Details

The HunterLab color **12.0675, 15.0659, 7.6997** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **17.7122, -7.0202, -6.9840**, and the grayscale version is **10.5250, -0.5616, 0.5718**.

A 20% lighter version of the original color is **26.7456, 17.4916, 10.8250**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0679, 15.0647, 7.6999**, and if you desaturate by 10%, it is **12.7463, 13.5416, 7.1963**.

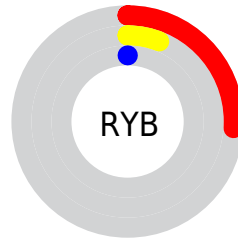
Distribution



Red (26%)

Green (5%)

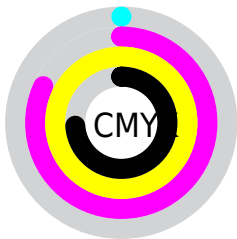
Blue (0%)



Red (26%)

Yellow (6%)

Blue (0%)

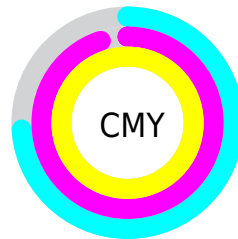


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (74%)



Cyan (74%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0675, 15.0659, 7.6997 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 12.0675, 15.0659, 7.6997 by changing the saturation by 10% instead.

■ 12.0675, 15.0659,
7.6997

■ 12.0675, 15.0659,
7.6997

■ 103.0250, 22.0718,
22.5762

■ 5.0763, 21.6462,
3.5534

■ 26.8910, 17.4714,
10.8663

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.6554, 18.4517,
12.7129

0.0000, NaN, NaN

■ 45.2073, 19.3026,
14.4673

0.0000, NaN, NaN

■ 55.4864, 20.0396,
16.1575

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 66.4444, 20.6754,
17.8024


0.0000, NaN, NaN


■ 78.0417, 21.2205,


0.0000, NaN, NaN


19.4146


 90.2448, 21.6836,
21.0036


 12.0675, 15.0659,
7.6997


 12.0675, 15.0659,
7.6997


 12.0679, 15.0647,
7.6999

 12.7463, 13.5416,
7.1963

 13.5511, 11.8043,
6.8310

 14.4869, 10.0002,
6.3741

 15.5425, 8.2003,
5.8114

 16.7037, 6.4436,
5.1671

■ 17.9576, 4.7521,
4.4615

■ 19.2925, 3.1358,
3.7105

■ 20.6986, 1.5965,
2.9258

■ 22.1673, 0.1317,
2.1160

Harmonies

Analogous

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



12.0679, 19.7537, 2.3217



12.0675, 15.0659, 7.6997



12.0679, 6.3481, 8.4475

Triad

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



12.0679, 15.0646, 7.6999



12.0679, -12.5057, 5.4622



12.0679, 1.3063, -26.4125

Complementary

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



12.0675, 15.0659, 7.6997



17.7122, -7.0202, -6.9840

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.



12.0679, -6.3366, -23.4366



12.0675, 15.0659, 7.6997



12.0679, -13.3573, -1.2851

Square

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



12.0679, 15.0646, 7.6999



12.0679, -8.8208, 8.4475



12.0679, -11.1476, -12.5030



12.0679, 10.5301, -19.0498

Rectangle

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



12.0675, 15.0659, 7.6997



12.0679, 0.2694, 8.4475



12.0679, -11.1476, -12.5030



12.0679, -1.5321, -26.6370

Sweetspot

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



12.0679, 15.0646, 7.6999



24.8321, 4.3240, 4.9402



12.1539, 23.1497, -10.2528



12.4897, 2.3762, 2.5984



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.0679, 15.0646, 7.6999



15.3907, 20.3970, 9.8408



17.4491, 2.6130, 10.7978



11.7009, -0.0430, 1.0412



17.1700, 23.2344, 10.9868



41.7645, 62.0991, 26.8222

Inverse Universe

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



17.7122, -7.0202, -6.9840



22.8274, -8.8894, -9.3425



9.9594, 5.9861, -25.3707



12.0309, -1.1897, 0.2473



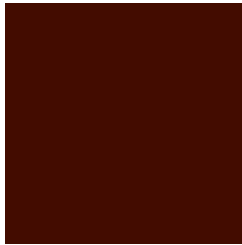
25.5562, -9.8842, -10.6060



63.0600, -23.4830, -28.1265

Previews

White Background



This preview shows how the HunterLab color 12.0675, 15.0659, 7.6997 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

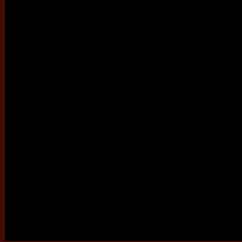
Any Text WCAG AA × Fail

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 12.0675, 15.0659, 7.6997 Background



This preview shows how black text looks on a background with the HunterLab color 12.0675, 15.0659, 7.6997.

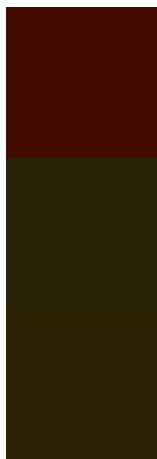


This preview shows how white text looks on a background with the HunterLab color 12.0675, 15.0659,

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

12.0675, 15.0659, 7.6997

Protanopia

12.8489, -1.9032, 6.8240

Deuteranopia

12.7404, -0.1232, 7.8484



Tritanopia

12.0698, 15.7737, 6.1582

Trichromacy



Original Color

12.0675, 15.0659, 7.6997

Protanomaly

12.0324, 3.9542, 6.7761

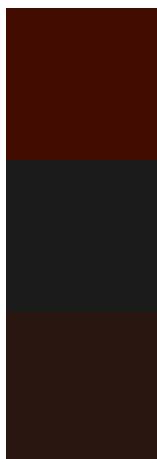
Deuteranomaly

11.9387, 5.4786, 7.4525

Tritanomaly

12.0332, 15.6228, 6.6979

Monochromacy



Original Color

12.0675, 15.0659, 7.6997

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.5192, 4.3797, 3.5695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0675, 15.0659, 7.6997 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(67, 12, 0)` looks like.

```
.text, #text, p{  
    color:rgb(67, 12, 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(67, 12, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 12, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0675, 15.0659, 7.6997 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(67, 12, 0) }
```


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

```
.border{ border-color:rgb(67, 12, 0) }
```

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

Here you see how a box with a 4 pixel rgb(67, 12, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 12, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(67, 12, 0); box-shadow:4px  
4px 4px 4px rgb(67, 12, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0675, 15.0659, 7.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 12, 0) }
```

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

```
.background{ background-color: rgb(67, 12,  
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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