

Converting Colors

HunterLab(20.1778, 16.8079,
12.7277)

Have a look what the booklet for
HunterLab(20.1778, 16.8079,
12.7277) contains.

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Color

**HunterLab(20.0970, 16.6894,
12.6758)**

Conversions

Conversions Part 1

Format	Color
Hex	632600
RGB	99, 38, 0
RGB Percent	39%, 15%, 0%
CMY	0.6118, 0.8510, 1.0000
CMYK	0.00, 0.62, 1.00, 0.61
HSL	23°, 100%, 19%
HSV	23°, 100%, 39%
XYZ	5.8387, 4.0389, 0.4719
YIQ	51.9070, 48.5540, 1.1140

Conversions

Conversions Part 2

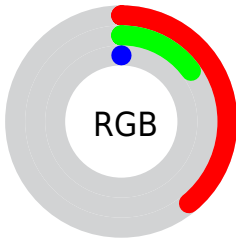
Format	Color
R_{YB}	99, 62, 0
Decimal	6497792
CIE Lab	23.80, 25.73, 34.28
CIE LCh	24, 42.868, 53.108
Yxy	4.0391, 0.5641, 0.3903
Android (android.graphics.Color)	4284687872 (0xFF632600)
YUV	51.9070, -25.5902, 41.3006
Hunter-Lab	20.0970, 16.6894, 12.6758

Details

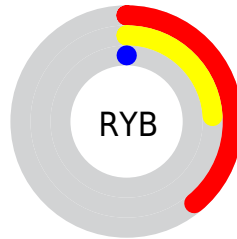
The HunterLab color **20.0970, 16.6894, 12.6758** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **20.5866, -2.0309, -21.3471**, and the grayscale version is **18.5723, -0.9910, 1.0091**.

A 20% lighter version of the original color is **36.9740, 18.7142, 18.7984**, and **7.6213, 13.0517, 4.9247** is the 20% darker color. If you saturate the color by 10%, you get **20.0974, 16.6881, 12.6761**, and if you desaturate by 10%, it is **21.1741, 14.4057, 12.5034**.

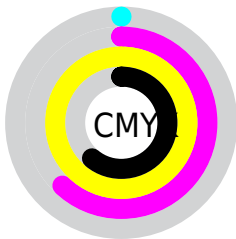
Distribution



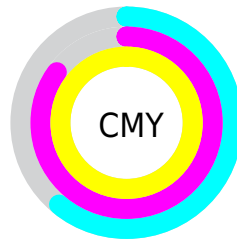
- Red (39%)
- Green (15%)
- Blue (0%)



- Red (39%)
- Yellow (24%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (61%)



- Cyan (61%)
- Magenta (85%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0970, 16.6894, 12.6758 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 20.0970, 16.6894, 12.6758 by changing the saturation by 10% instead.

■ 20.0970, 16.6894,
12.6758

■ 20.0970, 16.6894,
12.6758

■ 118.3660, 22.6824,
36.4567

■ 13.0210, 15.4197,
9.1147

■ 37.0142, 18.7719,
18.8042

■ 6.4863, 17.3289,
4.5404

■ 46.6766, 19.6150,
21.6541

0.0000, NaN, NaN

■ 57.0585, 20.3459,
24.3505

0.0000, NaN, NaN

■ 68.1130, 20.9768,
26.9275

0.0000, NaN, NaN

■ 79.8015, 21.5182,
29.4100

0.0000, NaN, NaN


■ 92.0913, 21.9785,


0.0000, NaN, NaN


31.8166


0.0000, NaN, NaN


 104.9543, 22.3645,
34.1618

 20.0970, 16.6894,
12.6758

 20.0970, 16.6894,
12.6758


 20.0974, 16.6881,
12.6761

 21.1741, 14.4057,
12.5034

 22.3631, 12.1036,
12.2617

 23.6700, 9.8956,
11.7317

 25.0846, 7.8094,
10.9324

 26.5968, 5.8591,
9.8896

■ 28.1974, 4.0488,
8.6306

■ 29.8776, 2.3765,
7.1816

■ 31.6297, 0.8360,
5.5666

■ 33.4469, -0.5813,
3.8063

Harmonies

Analogous

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



20.0976, 28.2540, 8.4886



20.0970, 16.6894, 12.6758



20.0976, 2.0865, 14.0683

Triad

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



20.0976, 16.6877, 12.6760



20.0976, -20.6750, 3.7983



20.0976, 9.9746, -36.5819

Complementary

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



20.0970, 16.6894, 12.6758



20.5866, -2.0309, -21.3471

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.



20.0976, -4.0495, -41.1122



20.0970, 16.6894, 12.6758



20.0976, -19.5941, -10.9802

Square

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



20.0976, 16.6877, 12.6760



20.0976, -17.7031, 10.9009



20.0976, -14.2311, -29.6871



20.0976, 23.7272, -19.6608

Rectangle

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



20.0970, 16.6894, 12.6758



20.0976, -6.5482, 14.0683



20.0976, -14.2311, -29.6871



20.0976, 5.0584, -39.9188

Sweetspot

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



20.0976, 16.6877, 12.6760



38.9399, 3.2936, 9.5779



17.2920, 31.5641, -3.9541



18.6770, 1.9016, 4.9404



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



20.0976, 16.6877, 12.6760



25.9662, 22.7733, 16.3989



30.8903, -4.4189, 18.9570



16.5249, -0.3614, 1.7657



22.7832, 19.4696, 14.3798



51.1170, 49.0437, 32.3566

Inverse Universe

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



20.5866, -2.0309, -21.3471



26.5962, -2.0627, -28.7902



10.7380, 20.7423, -58.1977



16.5660, -1.3538, 0.0010



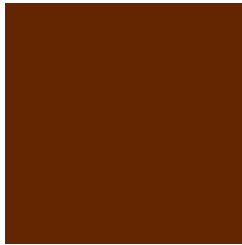
23.3378, -2.0487, -24.7478



52.3020, -2.0280, -60.9951

Previews

White Background



This preview shows how the HunterLab color 20.0970, 16.6894, 12.6758 looks on a white background.

Color Contrast Check

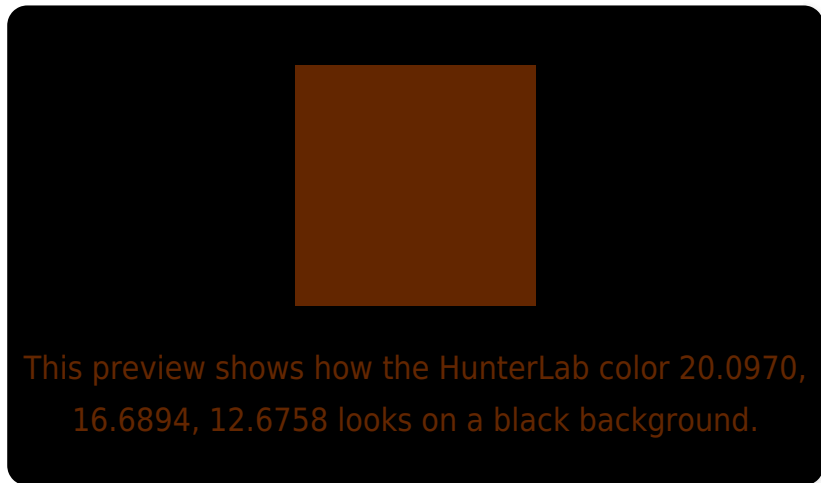
Large Text (above 18pt) WCAG AA ✓ Pass

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

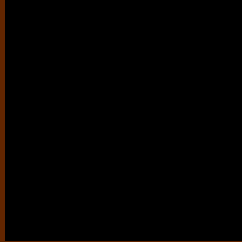
Any Text WCAG AA × Fail

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 20.0970, 16.6894, 12.6758 Background



This preview shows how black text looks on a background with the HunterLab color 20.0970, 16.6894, 12.6758.



This preview shows how white text looks on a background with the HunterLab color 20.0970, 16.6894,

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

20.0970, 16.6894, 12.6758

Protanopia

20.4251, -2.9908, 11.6999

Deuteranopia

20.3687, 0.4062, 12.5582



Tritanopia

20.1121, 19.7461, 7.5789

Trichromacy



Original Color

20.0970, 16.6894, 12.6758

Protanomaly

19.8962, 3.5555, 11.8087

Deuteranomaly

19.9761, 5.9491, 12.4134

Tritanomaly

20.0924, 18.5978, 10.1564

Monochromacy



Original Color

20.0970, 16.6894, 12.6758

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.4609, 3.9068, 6.8228

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0970, 16.6894, 12.6758 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(99, 38, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 38, 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(99, 38, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 38, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0970, 16.6894, 12.6758 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(99, 38, 0) }
```


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

```
.border{ border-color:rgb(99, 38, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 38, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 38, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 38, 0); box-shadow:4px  
4px 4px 4px rgb(99, 38, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.0970, 16.6894, 12.6758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 38, 0) }
```

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

```
.background{ background-color: rgb(99, 38,  
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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