

Converting Colors

HunterLab(11.7124, 20.2040,
6.4386)

Have a look what the booklet for
HunterLab(11.7124, 20.2040,
6.4386) contains.

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Color

**HunterLab(11.6496, 20.1007,
6.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	470008
RGB	71, 0, 8
RGB Percent	28%, 0%, 3%
CMY	0.7216, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.89, 0.72
HSL	353°, 100%, 14%
HSV	353°, 100%, 28%
XYZ	2.6424, 1.3571, 0.3524
YIQ	22.1410, 39.7480, 17.5400

Conversions

Conversions Part 2

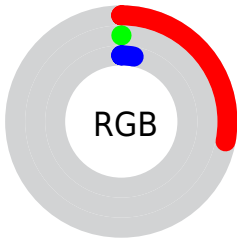
Format	Color
R_{YB}	71, 0, 8
Decimal	4653064
CIE Lab	11.67, 32.20, 15.08
CIE LCh	12, 35.558, 25.093
Yxy	1.3572, 0.6072, 0.3119
Android (android.graphics.Color)	4282843144 (0xFF470008)
YUV	22.1410, -6.9715, 42.8493
Hunter-Lab	11.6496, 20.1007, 6.3611

Details

The HunterLab color **11.6496, 20.1007, 6.3611** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.0577, -13.1049, 0.7204**, and the grayscale version is **9.0118, -0.4808, 0.4896**.

A 20% lighter version of the original color is **26.4285, 23.2081, 9.1353**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6495, 20.1005, 6.3616**, and if you desaturate by 10%, it is **12.3545, 18.2125, 5.8861**.

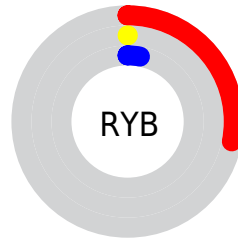
Distribution



Red (28%)

Green (0%)

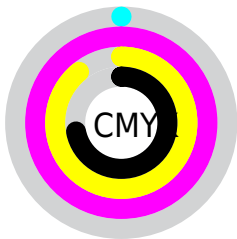
Blue (3%)



Red (28%)

Yellow (0%)

Blue (3%)

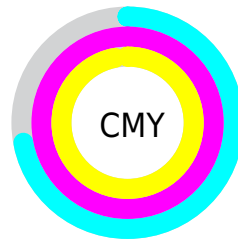


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (72%)



Cyan (72%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.6496, 20.1007, 6.3611 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 11.6496, 20.1007, 6.3611 by changing the saturation by 10% instead.

■ 11.6496, 20.1007,
6.3611

■ 11.6496, 20.1007,
6.3611

■ 102.1671, 29.6989,
19.2021

■ 4.2997, 32.6459,
3.0098

■ 26.3439, 23.0720,
9.1823

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.0540, 24.3642,
10.7215

0.0000, NaN, NaN

■ 44.5560, 25.5229,
12.1988

0.0000, NaN, NaN

■ 54.7889, 26.5595,
13.6359

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7036, 27.4856,
15.0466


0.0000, NaN, NaN


■ 77.2599, 28.3118,


0.0000, NaN, NaN


16.4404


 89.4241, 29.0470,
17.8239


 11.6496, 20.1007,
6.3611


 11.6496, 20.1007,
6.3611


 11.6495, 20.1005,
6.3616

 12.3545, 18.2125,
5.8861

 13.0838, 16.5311,
5.2238

 14.0209, 14.5350,
4.5345

 15.1669, 12.3050,
3.8784

 16.4966, 9.9663,
3.2831

■ 17.9845, 7.6061,
2.7610

■ 19.6073, 5.2765,
2.3135

■ 21.3451, 3.0039,
1.9364

■ 23.1815, 0.7980,
1.6224

Harmonies

Analogous

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



11.6500, 22.7411, -0.8981



11.6496, 20.1007, 6.3611



11.6500, 11.3182, 8.1550

Triad

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



11.6500, 20.0992, 6.3613



11.6500, -12.4799, 8.1550



11.6500, -2.0963, -31.6435

Complementary

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



11.6496, 20.1007, 6.3611



22.0577, -13.1049, 0.7204

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.



11.6500, -9.1839, -23.3041



11.6496, 20.1007, 6.3611



11.6500, -14.8241, 1.9829

Square

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



11.6500, 20.0992, 6.3613



11.6500, -7.2113, 8.1550



11.6500, -13.6177, -8.9893



11.6500, 7.8626, -27.1885

Rectangle

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



11.6496, 20.1007, 6.3611



11.6500, 4.2833, 8.1550



11.6500, -13.6177, -8.9893



11.6500, -4.8302, -30.1315

Sweetspot

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



11.6500, 20.0992, 6.3613



25.2405, 7.2126, 3.0716



12.2576, 24.7008, -20.8487



12.5538, 3.9277, 1.6044



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



11.6500, 20.0992, 6.3613



15.1251, 26.0520, 8.6122



14.6067, 11.0448, 9.1934



12.3164, 0.2603, 0.8317



16.4399, 28.3036, 9.4618



40.4912, 69.5218, 24.7741

Inverse Universe

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



11.6500, 20.0992, 6.3613



15.1251, 26.0520, 8.6122



14.9678, -1.9837, -14.4250



12.3164, 0.2603, 0.8317



16.4399, 28.3036, 9.4618



40.4912, 69.5218, 24.7741

Previews

White Background



This preview shows how the HunterLab color 11.6496, 20.1007, 6.3611 looks on a white background.

Color Contrast Check

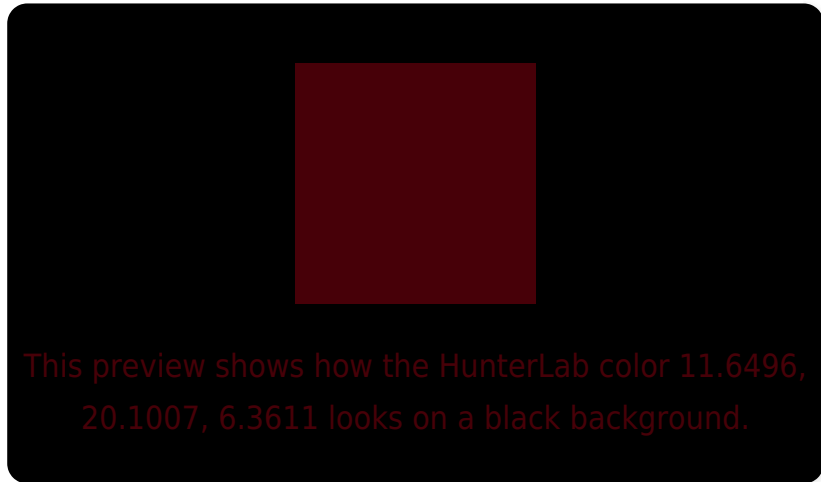
Large Text (above 18pt) WCAG AA ✓ Pass

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

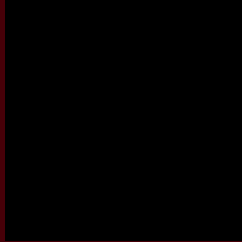
Any Text WCAG AA × Fail

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 11.6496, 20.1007, 6.3611 Background



This preview shows how black text looks on a background with the HunterLab color 11.6496, 20.1007, 6.3611.



This preview shows how white text looks on a background with the HunterLab color 11.6496, 20.1007,

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

11.6496, 20.1007, 6.3611

Protanopia

13.2082, -1.6914, 6.2443

Deuteranopia

13.0459, -0.1964, 8.0354



Tritanopia

12.1237, 18.0011, 7.7857

Trichromacy



Original Color

11.6496, 20.1007, 6.3611

Protanomaly

11.5894, 6.4872, 5.4755

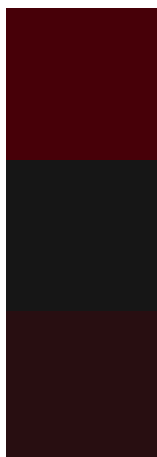
Deuteranomaly

11.6819, 7.4378, 6.8913

Tritanomaly

11.9708, 18.6910, 7.2769

Monochromacy



Original Color

11.6496, 20.1007, 6.3611

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

8.9759, 6.8295, 2.1475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.6496, 20.1007, 6.3611 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(71, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 8)  
}
```

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(71, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 11.6496, 20.1007, 6.3611 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(71, 0, 8) }
```


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

```
.border{ border-color:rgb(71, 0, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 0, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 0, 8); box-shadow:4px  
4px 4px 4px rgb(71, 0, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.6496, 20.1007, 6.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 8) }
```

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

```
.background{ background-color: rgb(71, 0,  
8) }
```

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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