

Converting Colors

HunterLab(3.4531, 99.7038,
2.4172)

Have a look what the booklet for
HunterLab(3.4531, 99.7038, 2.4172)
contains.

HunterLab(11.7656, 20.2048, 7.1695)	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(11.7656, 20.2048,
7.1695)**

Conversions

Conversions Part 1

Format	Color
Hex	480003
RGB	72, 0, 3
RGB Percent	28%, 0%, 1%
CMY	0.7176, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.96, 0.72
HSL	358°, 100%, 14%
HSV	358°, 100%, 28%
XYZ	2.6889, 1.3843, 0.2116
YIQ	21.8700, 41.9490, 16.1970

Conversions

Conversions Part 2

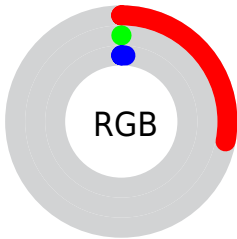
Format	Color
R_{YB}	72, 0, 3
Decimal	4718595
CIE Lab	11.85, 32.30, 17.41
CIE LCh	12, 36.689, 28.328
Yxy	1.3844, 0.6275, 0.3231
Android (android.graphics.Color)	4282908675 (0xFF480003)
YUV	21.8700, -9.3029, 43.9640
Hunter-Lab	11.7656, 20.2048, 7.1695

Details

The HunterLab color **11.7656, 20.2048, 7.1695** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.5043, -12.4801, -1.1867**, and the grayscale version is **8.9371, -0.4769, 0.4856**.

A 20% lighter version of the original color is **26.5048, 23.2689, 10.2395**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7655, 20.2046, 7.1701**, and if you desaturate by 10%, it is **12.4732, 18.3121, 6.6551**.

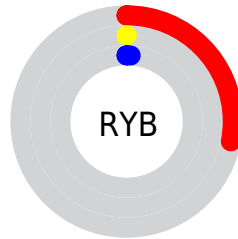
Distribution



Red (28%)

Green (0%)

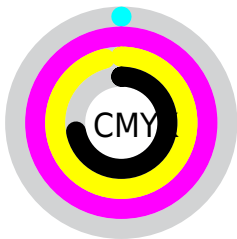
Blue (1%)



Red (28%)

Yellow (0%)

Blue (1%)

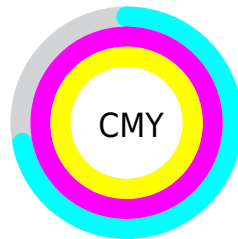


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (72%)



Cyan (72%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7656, 20.2048, 7.1695 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 11.7656, 20.2048, 7.1695 by changing the saturation by 10% instead.

■ 11.7656, 20.2048,
7.1695

■ 11.7656, 20.2048,
7.1695

■ 102.4061, 29.8190,
21.1526

■ 4.5296, 31.1455,
3.1707

■ 26.4960, 23.1791,
10.1461

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.2213, 24.4727,
11.8658

0.0000, NaN, NaN

■ 44.7373, 25.6330,
13.5053

0.0000, NaN, NaN

■ 54.9830, 26.6715,
15.0902

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 65.9098, 27.5996,
16.6373


0.0000, NaN, NaN


■ 77.4776, 28.4278,


0.0000, NaN, NaN


18.1583


 89.6527, 29.1650,
19.6614


 11.7656, 20.2048,
7.1695


 11.7656, 20.2048,
7.1695


 11.7655, 20.2046,
7.1701

 12.4732, 18.3121,
6.6551

 13.2009, 16.5801,
6.0792

 14.1465, 14.5316,
5.4175

 15.3092, 12.2588,
4.7336

 16.6628, 9.8910,
4.0647

■ 18.1804, 7.5166,
3.4332

■ 19.8377, 5.1873,
2.8490

■ 21.6140, 2.9278,
2.3144

■ 23.4920, 0.7459,
1.8271

Harmonies

Analogous

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



11.7660, 23.8220, 0.1209



11.7656, 20.2048, 7.1695



11.7660, 10.6052, 8.2362

Triad

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



11.7660, 20.2033, 7.1697



11.7660, -13.2329, 7.8231



11.7660, -1.1578, -33.4338

Complementary

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



11.7656, 20.2048, 7.1695



22.5043, -12.4801, -1.1867

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.



11.7660, -8.8032, -25.8979



11.7656, 20.2048, 7.1695



11.7660, -15.2508, 1.1373

Square

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



11.7660, 20.2033, 7.1697



11.7660, -8.1163, 8.2362



11.7660, -13.6294, -10.9772



11.7660, 9.3758, -27.3004

Rectangle

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



11.7656, 20.2048, 7.1695



11.7660, 3.3078, 8.2362



11.7660, -13.6294, -10.9772



11.7660, -4.1069, -32.3466

Sweetspot

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



11.7660, 20.2033, 7.1697



25.8995, 7.2119, 3.8488



13.0819, 25.9775, -19.2706



13.1248, 4.0627, 2.0709



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



11.7660, 20.2033, 7.1697



15.5140, 26.6236, 9.5949



15.5966, 9.3281, 9.7734



12.3107, 0.2297, 0.9126



16.3925, 28.1279, 10.1636



40.4270, 69.2837, 25.7262

Inverse Universe

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



11.7660, 20.2033, 7.1697



15.5140, 26.6236, 9.5949



13.9957, -0.0662, -17.3492



12.3107, 0.2297, 0.9126



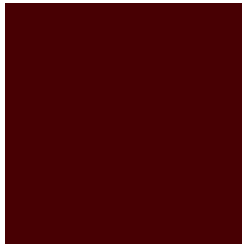
16.3925, 28.1279, 10.1636



40.4270, 69.2837, 25.7262

Previews

White Background



This preview shows how the HunterLab color 11.7656, 20.2048, 7.1695 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

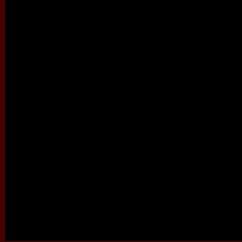
Any Text WCAG AA × Fail

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 11.7656, 20.2048, 7.1695 Background



This preview shows how black text looks on a background with the HunterLab color 11.7656, 20.2048, 7.1695.

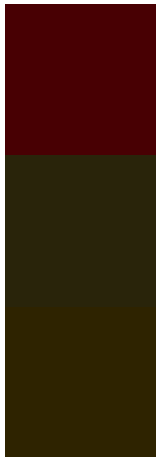


This preview shows how white text looks on a background with the HunterLab color 11.7656, 20.2048,

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

11.7656, 20.2048, 7.1695

Protanopia

13.2480, -1.6244, 6.8497

Deuteranopia

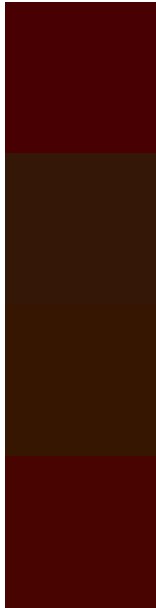
13.3525, -0.2701, 8.2231



Tritanopia

12.2129, 17.7172, 7.8357

Trichromacy



Original Color

11.7656, 20.2048, 7.1695

Protanomaly

11.6542, 6.5762, 6.2737

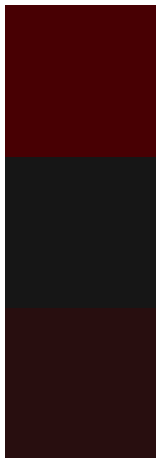
Deuteranomaly

11.7823, 7.6798, 7.2502

Tritanomaly

11.9525, 18.6202, 7.5486

Monochromacy



Original Color

11.7656, 20.2048, 7.1695

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

8.9425, 6.6736, 2.6307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7656, 20.2048, 7.1695 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(72, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(72, 0, 3)  
}
```

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(72, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 0, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7656, 20.2048, 7.1695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

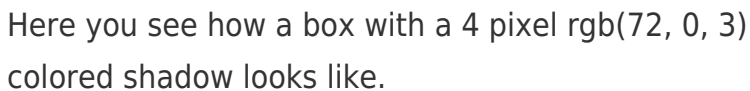
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 0, 3) }
```


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

```
.border{ border-color:rgb(72, 0, 3) }
```

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



Here you see how a box with a 4 pixel rgb(72, 0, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 0, 3); box-shadow:4px  
4px 4px 4px rgb(72, 0, 3) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.7656, 20.2048, 7.1695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 0, 3) }
```

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

```
.background{ background-color: rgb(72, 0,  
3) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor