

Converting Colors

HunterLab(11.7397, 26.5419,
1.3593)

Have a look what the booklet for
HunterLab(11.7397, 26.5419,
1.3593) contains.

HunterLab(12.7681, 22.5998, 2.5595)	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(12.7681, 22.5998,
2.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	4C001E
RGB	76, 0, 30
RGB Percent	30%, 0%, 12%
CMY	0.7020, 1.0000, 0.8824
CMYK	0.00, 1.00, 0.61, 0.70
HSL	336°, 100%, 15%
HSV	336°, 100%, 30%
XYZ	3.2148, 1.6302, 1.3735
YIQ	26.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

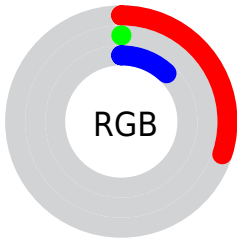
Format	Color
R_{YB}	76, 0, 30
Decimal	4980766
CIE _{Lab}	13.41, 34.92, 4.16
CIE _{LCh}	13, 35.164, 6.787
Yxy	1.6303, 0.5170, 0.2622
Android (android.graphics.Color)	4283170846 (0xFF4C001E)
YUV	26.1440, 1.9010, 43.7237
Hunter-Lab	12.7681, 22.5998, 2.5595

Details

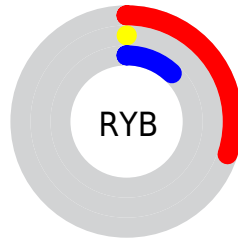
The HunterLab color **12.7681, 22.5998, 2.5595** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.1650, -16.8231, 7.3628**, and the grayscale version is **10.1950, -0.5440, 0.5539**.

A 20% lighter version of the original color is **27.7387, 25.6466, 4.0684**, and **3.3190, 5.6839, 2.1447** is the 20% darker color. If you saturate the color by 10%, you get **12.7680, 22.5996, 2.5603**, and if you desaturate by 10%, it is **13.4929, 20.8442, 1.8278**.

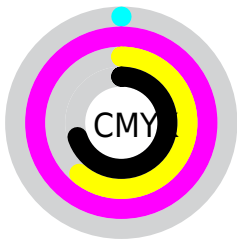
Distribution



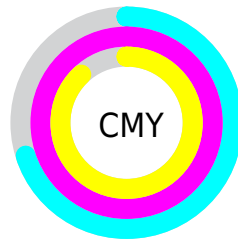
- Red (30%)
- Green (0%)
- Blue (12%)



- Red (30%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7681, 22.5998, 2.5595 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 12.7681, 22.5998, 2.5595 by changing the saturation by 10% instead.

12.7681, 22.5998,
2.5595

12.7681, 22.5998,
2.5595

104.4467, 32.9866,
9.6863

6.1476, 26.0705,
3.1366

27.8026, 25.7247,
4.0137

0.0000, INF, NaN

0.0000, NaN, NaN

36.6559, 27.1061,
4.7599

0.0000, NaN, NaN

46.2894, 28.3568,
5.5257

0.0000, NaN, NaN

0.0000, NaN, NaN

56.6444, 29.4860,
6.3128

0.0000, NaN, NaN


67.6737, 30.5043,
7.1222


0.0000, NaN, NaN


79.3383, 31.4216,


0.0000, NaN, NaN


7.9543


 91.6054, 32.2465,
8.8090


 12.7681, 22.5998,
2.5595


 12.7681, 22.5998,
2.5595


 12.7680, 22.5996,
2.5603

 13.4929, 20.8442,
1.8278

 14.2541, 19.1826,
1.0623

 15.2379, 17.0736,
0.4928

 16.4390, 14.6314,
0.1431

 17.8328, 11.9981,
-0.0005

■ 19.3939, 9.2801,
0.0368

■ 21.0985, 6.5469,
0.2264

■ 22.9261, 3.8386,
0.5416

■ 24.8596, 1.1750,
0.9593

Harmonies

Analogous

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



12.7685, 20.4649, -8.0785



12.7681, 22.5998, 2.5595



12.7685, 17.1973, 8.2660

Triad

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



12.7685, 22.5983, 2.5599



12.7685, -9.7824, 8.9379



12.7685, -7.0381, -27.2384

Complementary

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



12.7681, 22.5998, 2.5595



23.1650, -16.8231, 7.3628

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.



12.7685, -12.2240, -14.4266



12.7681, 22.5998, 2.5595



12.7685, -13.6421, 5.9294

Square

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



12.7685, 22.5983, 2.5599



12.7685, -2.7431, 8.9379



12.7685, -14.5295, -1.5019



12.7685, 1.5187, -30.7447

Rectangle

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



12.7681, 22.5998, 2.5595



12.7685, 10.7670, 8.9379



12.7685, -14.5295, -1.5019



12.7685, -9.1311, -23.5815

Sweetspot

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



12.7685, 22.5983, 2.5599



27.5868, 9.0577, 0.2611



10.4573, 22.8954, -31.9219



13.8711, 5.0688, 0.0985



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



12.7685, 22.5983, 2.5599



16.8114, 29.6714, 4.0313



13.0445, 19.0867, 8.3714



13.0856, 0.4301, 0.5320



17.2620, 30.4594, 4.1951



41.8193, 73.4059, 13.1546

Inverse Universe

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



12.7685, 22.5983, 2.5599



16.8114, 29.6714, 4.0313



21.6903, -10.0107, -5.4999



13.0856, 0.4301, 0.5320



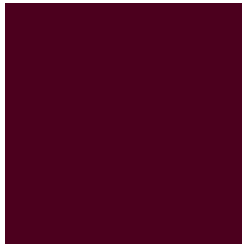
17.2620, 30.4594, 4.1951



41.8193, 73.4059, 13.1546

Previews

White Background



This preview shows how the HunterLab color 12.7681, 22.5998, 2.5595 looks on a white background.

Color Contrast Check

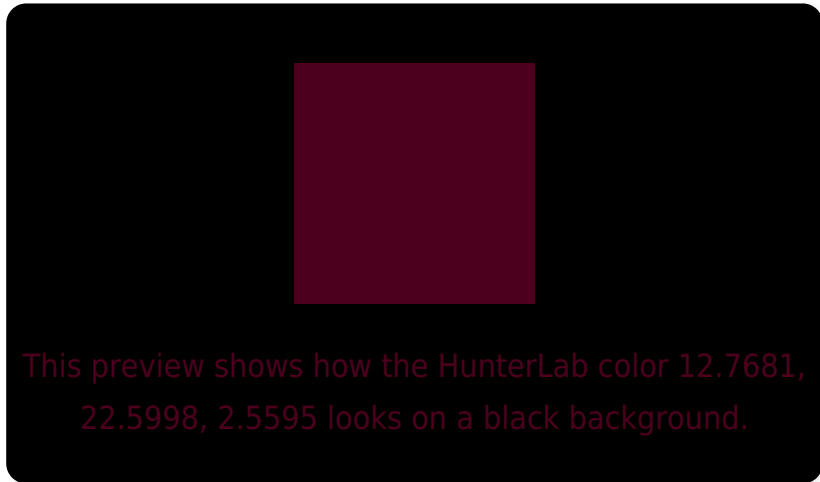
Large Text (above 18pt) WCAG AA ✓ Pass

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

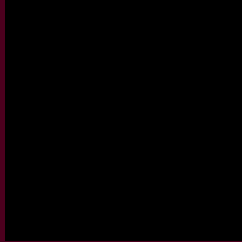
Any Text WCAG AA × Fail

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 12.7681, 22.5998, 2.5595 Background



This preview shows how black text looks on a background with the HunterLab color 12.7681, 22.5998, 2.5595.



This preview shows how white text looks on a background with the HunterLab color 12.7681, 22.5998,

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

12.7681, 22.5998, 2.5595

Protanopia

14.3002, -0.3169, -1.0735

Deuteranopia

14.1655, 0.8119, 4.4029



Tritanopia

13.3528, 17.9870, 7.1370

Trichromacy



Original Color

12.7681, 22.5998, 2.5595

Protanomaly

12.5372, 8.3863, -1.2052

Deuteranomaly

12.7932, 9.4404, 2.9568

Tritanomaly

13.0889, 19.3388, 5.8116

Monochromacy



Original Color

12.7681, 22.5998, 2.5595

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.0772, 7.8185, 0.2457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7681, 22.5998, 2.5595 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(76, 0, 30)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 30)  
}
```

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(76, 0, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7681, 22.5998, 2.5595 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(76, 0, 30) }
```


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

```
.border{ border-color:rgb(76, 0, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 30); box-shadow:4px  
4px 4px 4px rgb(76, 0, 30) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.7681, 22.5998, 2.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 30) }
```

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

```
.background{ background-color: rgb(76, 0,  
30) }
```

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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