

Converting Colors

HunterLab(12.9846, 23.2267,
0.6988)

Have a look what the booklet for
HunterLab(12.9846, 23.2267,
0.6988) contains.

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Color

**HunterLab(12.8991, 23.0776,
0.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0024
RGB	76, 0, 36
RGB Percent	30%, 0%, 14%
CMY	0.7020, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.53, 0.70
HSL	332°, 100%, 15%
HSV	332°, 100%, 30%
XYZ	3.2989, 1.6639, 1.8164
YIQ	26.8280, 33.7400, 27.3080

Conversions

Conversions Part 2

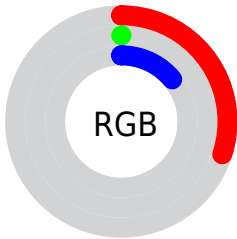
Format	Color
RYB	76, 0, 36
Decimal	4980772
CIELab	13.61, 35.45, -0.04
CIELCh	14, 35.449, 359.930
Yxy	1.6640, 0.4866, 0.2454
Android (android.graphics.Color)	4283170852 (0xFF4C0024)
YUV	26.8280, 4.5218, 43.1238
Hunter-Lab	12.8991, 23.0776, 0.6806

Details

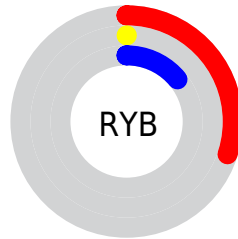
The HunterLab color **12.8991, 23.0776, 0.6806** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.0697, -17.4107, 8.7504**, and the grayscale version is **10.3964, -0.5547, 0.5649**.

A 20% lighter version of the original color is **27.9151, 26.4383, 1.5445**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **12.8990, 23.0773, 0.6814**, and if you desaturate by 10%, it is **13.6190, 21.3326, 0.0258**.

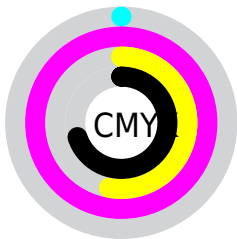
Distribution



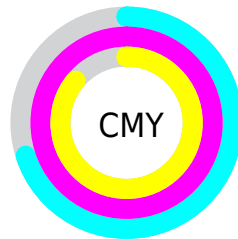
- Red (30%)
- Green (0%)
- Blue (14%)



- Red (30%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8991, 23.0776, 0.6806 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 12.8991, 23.0776, 0.6806 by changing the saturation by 10% instead.

12.8991, 23.0776,
0.6806

12.8991, 23.0776,
0.6806

104.7103, 33.6280,
5.6572

6.3258, 26.0012,
0.3160

27.9723, 26.2340,
1.4952

0.0000, INF, NaN

0.0000, NaN, NaN

36.8419, 27.6343,
1.9754

0.0000, NaN, NaN

46.4904, 28.9042,
2.4982

0.0000, NaN, NaN

0.0000, NaN, NaN

56.8594, 30.0528,
3.0603

0.0000, NaN, NaN

67.9018, 31.0903,
3.6593


0.0000, NaN, NaN


79.5788, 32.0264,


0.0000, NaN, NaN


4.2929


 91.8577, 32.8698,
4.9594


 12.8991, 23.0776,
0.6806


 12.8991, 23.0776,
0.6806


 12.8990, 23.0773,
0.6814

 13.6190, 21.3326,
0.0258

 14.3729, 19.6664,
-0.6291

 15.3459, 17.5378,
-1.0410

 16.5336, 15.0599,
-1.1992

 17.9124, 12.3762,
-1.1303

■ 19.4576, 9.5957,
-0.8693

■ 21.1461, 6.7910,
-0.4516

■ 22.9576, 4.0048,
0.0920

■ 24.8751, 1.2594,
0.7362

Harmonies

Analogous

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



12.8995, 19.1862, -11.3622



12.8991, 23.0776, 0.6806



12.8995, 19.2204, 7.1702

Triad

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



12.8995, 23.0762, 0.6810



12.8995, -8.5839, 9.0296



12.8995, -8.6125, -25.1330

Complementary

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



12.8991, 23.0776, 0.6806



23.0697, -17.4107, 8.7504

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.



12.8995, -13.1284, -11.2957



12.8991, 23.0776, 0.6806



12.8995, -13.1138, 7.1943

Square

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



12.8995, 23.0762, 0.6810



12.8995, -0.6667, 9.0296



12.8995, -14.7254, 0.7233



12.8995, -0.7112, -31.4709

Rectangle

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



12.8991, 23.0776, 0.6806



12.8995, 13.2712, 9.0296



12.8995, -14.7254, 0.7233



12.8995, -10.4528, -20.8718

Sweetspot

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



12.8995, 23.0762, 0.6810



27.6523, 9.3910, -0.6688



9.7903, 22.0932, -34.9880



13.9072, 5.2511, -0.4139



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.



12.8995, 23.0762, 0.6810



16.9828, 30.2970, 1.5674



12.5064, 20.8506, 8.0708



13.0926, 0.4682, 0.4313



17.4378, 31.1014, 1.6664



42.2352, 74.9282, 7.1438

Inverse Universe

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



12.8995, 23.0762, 0.6810



16.9828, 30.2970, 1.5674



23.4901, -12.2122, -2.9972



13.0926, 0.4682, 0.4313



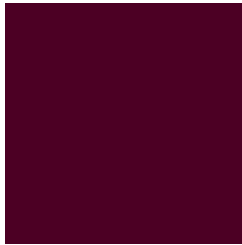
17.4378, 31.1014, 1.6664



42.2352, 74.9282, 7.1438

Previews

White Background



This preview shows how the HunterLab color 12.8991, 23.0776, 0.6806 looks on a white background.

Color Contrast Check

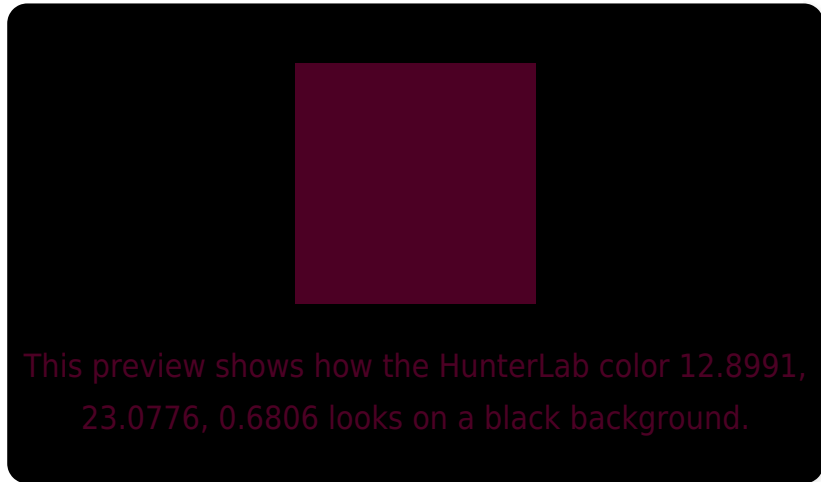
Large Text (above 18pt) WCAG AA ✓ Pass

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

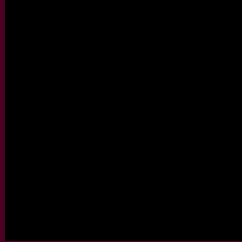
Any Text WCAG AA × Fail

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 12.8991, 23.0776, 0.6806 Background



This preview shows how black text looks on a background with the HunterLab color 12.8991, 23.0776, 0.6806.



This preview shows how white text looks on a background with the HunterLab color 12.8991, 23.0776,

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

12.8991, 23.0776, 0.6806

Protanopia

14.4015, 0.4900, -4.4924

Deuteranopia

14.3315, 0.4505, 2.8863



Tritanopia

13.5707, 17.5259, 6.8539

Trichromacy



Original Color

12.8991, 23.0776, 0.6806

Protanomaly

12.6346, 9.0558, -4.1856

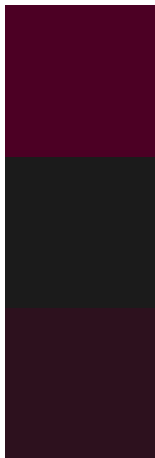
Deuteranomaly

12.6867, 9.4029, 0.9095

Tritanomaly

13.2256, 19.2906, 5.0844

Monochromacy



Original Color

12.8991, 23.0776, 0.6806

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.2593, 8.4401, -0.6291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8991, 23.0776, 0.6806 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, 36)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8991, 23.0776, 0.6806 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, 36) }
```


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

```
.border{ border-color:rgb(76, 0, 36) }
```

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, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 36); box-shadow:4px  
4px 4px 4px rgb(76, 0, 36) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.8991, 23.0776, 0.6806 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, 36) }
```

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

```
.background{ background-color: rgb(76, 0,  
36) }
```

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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