

Converting Colors

HunterLab(28.7065, 0.4031,
12.6566)

Have a look what the booklet for
HunterLab(28.7065, 0.4031,
12.6566) contains.

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Color

**HunterLab(28.6000, 0.6776,
12.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	614E2D
RGB	97, 78, 45
RGB Percent	38%, 31%, 18%
CMY	0.6196, 0.6941, 0.8235
CMYK	0.00, 0.20, 0.54, 0.62
HSL	38°, 37%, 28%
HSV	38°, 54%, 38%
XYZ	8.1278, 8.1796, 3.6331
YIQ	79.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

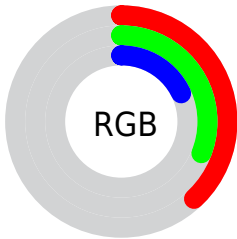
Format	Color
RYB	75, 97, 45
Decimal	6377005
CIELab	34.35, 3.24, 22.43
CIELCh	34, 22.663, 81.786
Yxy	8.1800, 0.4076, 0.4102
Android (android.graphics.Color)	4284567085 (0xFF614E2D)
YUV	79.9190, -17.2151, 14.9800
Hunter-Lab	28.6000, 0.6776, 12.4884

Details

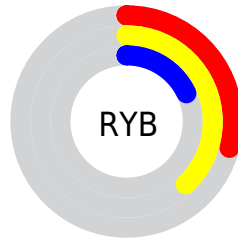
The HunterLab color $28.6000, 0.6776, 12.4884$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $22.5556, 0.6757, -15.8171$, and the grayscale version is $28.3490, -1.5126, 1.5403$.

A 20% lighter version of the original color is $47.2479, -0.0521, 16.6929$, and $13.4053, 1.0235, 8.2782$ is the 20% darker color. If you saturate the color by 10%, you get $27.6108, 1.5712, 13.5761$, and if you desaturate by 10%, it is $29.6323, -0.0795, 11.1009$.

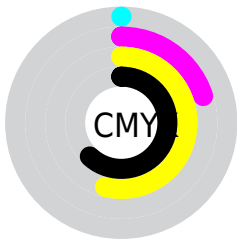
Distribution



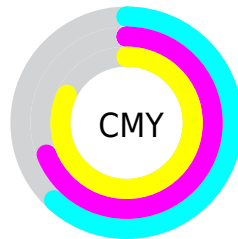
- Red (38%)
- Green (31%)
- Blue (18%)



- Red (29%)
- Yellow (38%)
- Blue (18%)



- Cyan (0%)
- Magenta (20%)
- Yellow (54%)
- Black (62%)



- Cyan (62%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6000, 0.6776, 12.4884 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 28.6000, 0.6776, 12.4884 by changing the saturation by 10% instead.

■ 28.6000, 0.6776,
12.4884

■ 28.6000, 0.6776,
12.4884

■ 133.0928, -3.4639,
28.9907

■ 20.5191, 0.8844,
10.2419

■ 47.2340, 0.0714,
16.5517

■ 13.3862, 1.0131,
8.6521

■ 57.6543, -0.3106,
18.4474

■ 6.9435, 1.6610,
4.8604

■ 68.7450, -0.7387,
20.2842

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.4676, -1.2093,
22.0771

0.0000, NaN, NaN

■ 92.7899, -1.7195,
23.8370

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6839, -2.2666,

25.5719

0.0000, NaN, NaN

119.1254, -2.8486,
27.2882

■ 28.6000, 0.6776,
12.4884

■ 28.6000, 0.6776,
12.4884

■ 27.6108, 1.5712,
13.5761

■ 29.6323, -0.0795,
11.1009

■ 26.6643, 2.6051,
14.3546

■ 30.7039, -0.6992,
9.4251

■ 25.7626, 3.7752,
14.8216

■ 31.8137, -1.1867,
7.4756

■ 24.9045, 5.0650,
15.0108

■ 32.9598, -1.5474,
5.2681

■ 24.3704, 5.9029,
15.1203

■ 34.1403, -1.7869,
2.8185

■ 35.3535, -1.9116,
0.1425

■ 36.5977, -1.9278,
-2.7446

■ 37.8713, -1.8418,
-5.8283

■ 39.1728, -1.6597,
-9.0949

Harmonies

Analogous

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



28.6007, 8.4953, 10.7467



28.6000, 0.6776, 12.4884



28.6007, -6.9532, 11.9917

Triad

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



28.6007, 0.6764, 12.4887



28.6007, -14.3175, -4.3464



28.6007, 11.4216, -8.9096

Complementary

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



28.6000, 0.6776, 12.4884



22.5556, 0.6757, -15.8171

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.



28.6007, 4.3353, -15.3870



28.6000, 0.6776, 12.4884



28.6007, -10.3359, -12.2933

Square

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



28.6007, 0.6764, 12.4887



28.6007, -15.0703, 3.5464



28.6007, -3.6668, -16.7698



28.6007, 15.1246, -0.5868

Rectangle

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



28.6000, 0.6776, 12.4884



28.6007, -10.9677, 10.3757



28.6007, -3.6668, -16.7698



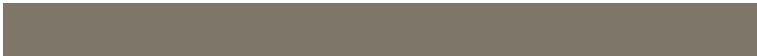
28.6007, 9.3220, -11.4590

Sweetspot

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



28.6007, 0.6764, 12.4887



42.7188, -1.9075, 7.7565



21.8841, 17.1309, 0.6163



21.1843, -0.9201, 4.0642



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.



28.6007, 0.6764, 12.4887



35.8649, 2.3463, 18.0398



33.0391, -9.3494, 15.7395



16.8101, -0.8404, 2.0758



28.2684, 7.1973, 17.5448



64.0086, 19.2833, 39.7794

Inverse Universe

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



22.5556, 0.6757, -15.8171



26.3834, 2.8248, -27.2568



18.6232, 10.6262, -24.3432



16.2770, -0.8779, -0.3495



16.6119, 10.9920, -44.4919



36.3080, 30.5498, -111.3301

Previews

White Background



This preview shows how the HunterLab color 28.6000, 0.6776, 12.4884 looks on a white background.

Color Contrast Check

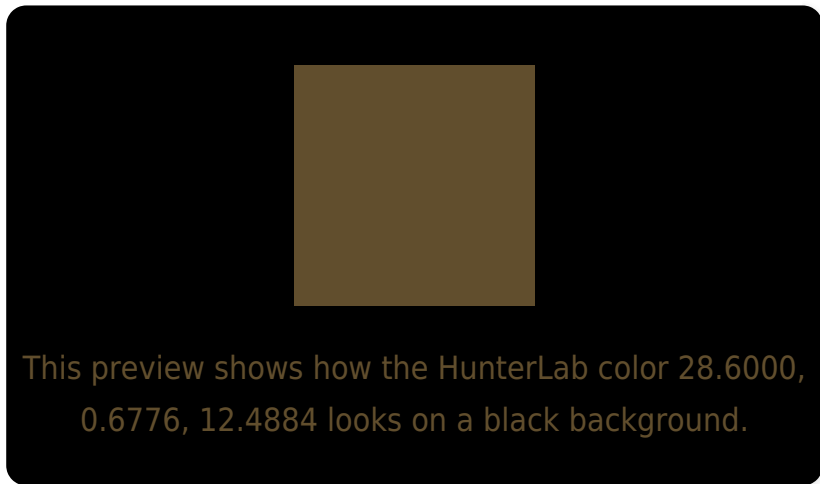
Large Text (above 18pt) WCAG AA ✓ Pass

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

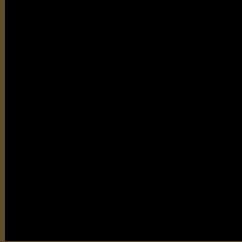
Any Text WCAG AA × Fail

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 28.6000, 0.6776, 12.4884 Background



This preview shows how black text looks on a background with the HunterLab color 28.6000, 0.6776, 12.4884.



This preview shows how white text looks on a background with the HunterLab color 28.6000, 0.6776,

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

28.6000, 0.6776, 12.4884

Protanopia

28.6461, -3.0512, 12.2483

Deuteranopia

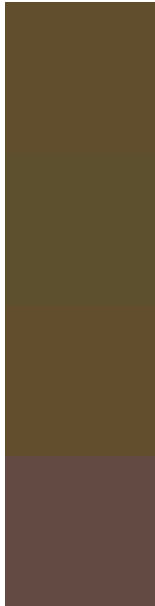
28.5480, 1.7699, 12.4661



Tritanopia

28.6113, 7.0294, 2.0260

Trichromacy



Original Color

28.6000, 0.6776, 12.4884

Protanomaly

28.6529, -1.7037, 12.2774

Deuteranomaly

28.4498, 1.4390, 12.3820

Tritanomaly

28.4430, 4.6651, 6.5389

Monochromacy



Original Color

28.6000, 0.6776, 12.4884

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.2412, -1.0897, 6.2347

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6000, 0.6776, 12.4884 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(97, 78, 45)` looks like.

```
.text, #text, p{  
    color:rgb(97, 78, 45)  
}
```

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(97, 78, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 78, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6000, 0.6776, 12.4884 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(97, 78, 45) }
```


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

```
.border{ border-color:rgb(97, 78, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 78, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 78, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 78, 45);  
box-shadow:4px 4px 4px 4px rgb(97, 78, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6000, 0.6776, 12.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 78, 45) }
```

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

```
.background{ background-color: rgb(97, 78,  
45) }
```

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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