

Converting Colors

HunterLab(28.6779, -22.6449,
13.0386)

Have a look what the booklet for
HunterLab(28.6779, -22.6449,
13.0386) contains.

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Color

**HunterLab(28.5633,
-22.5782, 13.0383)**

Conversions

Conversions Part 1

Format	Color
Hex	005E28
RGB	0, 94, 40
RGB Percent	0%, 37%, 16%
CMY	1.0000, 0.6314, 0.8431
CMYK	1.00, 0.00, 0.57, 0.63
HSL	146°, 100%, 18%
HSV	146°, 100%, 37%
XYZ	4.3857, 8.1586, 3.3511
YIQ	59.7380, -38.6900, -36.7220

Conversions

Conversions Part 2

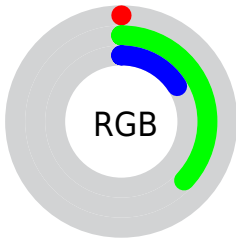
Format	Color
RYB	0, 66, 94
Decimal	24104
CIELab	34.31, -37.52, 24.07
CIELCh	34, 44.576, 147.323
Yxy	8.1590, 0.2759, 0.5133
Android (android.graphics.Color)	4278214184 (0xFF005E28)
YUV	59.7380, -9.7308, -52.3902
Hunter-Lab	28.5633, -22.5782, 13.0383

Details

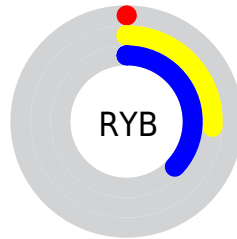
The HunterLab color **28.5633, -22.5782, 13.0383** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.2671, 29.4946, -2.1815**, and the grayscale version is **21.2095, -1.1317, 1.1524**.

A 20% lighter version of the original color is **47.0449, -28.6003, 17.1244**, and **13.9785, -11.9866, 8.4037** is the 20% darker color. If you saturate the color by 10%, you get **28.5638, -22.5787, 13.0387**, and if you desaturate by 10%, it is **28.7384, -21.7084, 12.1225**.

Distribution



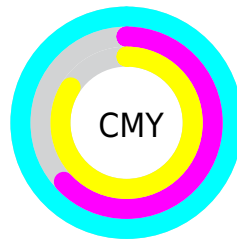
- Red (0%)
- Green (37%)
- Blue (16%)



- Red (0%)
- Yellow (26%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.5633, -22.5782, 13.0383 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 28.5633, -22.5782, 13.0383 by changing the saturation by 10% instead.

■ 28.5633, -22.5782,
13.0383

■ 28.5633, -22.5782,
13.0383

133.0314,
-46.5599, 30.4070

■ 20.4862, -19.0980,
10.6454

■ 47.1905, -28.7272,
17.3490

■ 13.3576, -15.4919,
9.1614

■ 57.6079, -31.5373,
19.3520

■ 6.9090, -12.0907,
4.8363

■ 68.6957, -34.2263,
21.2880

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.4157, -36.8200,
23.1732

0.0000, NaN, NaN

■ 92.7354, -39.3375,
25.0197


0.0000, NaN, NaN


■ 105.6270,


0.0000, NaN, NaN


-41.7931, 26.8365


0.0000, NaN, NaN


 119.0662,
-44.1976, 28.6305


 28.5633, -22.5782,
13.0383


 28.5633, -22.5782,
13.0383


 28.5638, -22.5787,
13.0387

 28.7384, -21.7084,
12.1225

 28.9473, -20.6845,
11.1070

 29.2284, -19.3557,
10.0295

 29.5867, -17.7123,
8.9026

 30.0257, -15.7549,
7.7394

■ 30.5472, -13.4929,
6.5531

■ 31.1519, -10.9421,
5.3564

■ 31.8394, -8.1238,
4.1613

■ 32.6085, -5.0624,
2.9786

Harmonies

Analogous

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



28.5639, -13.9890, 17.0350



28.5633, -22.5782, 13.0383



28.5639, -25.6670, 2.8509

Triad

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



28.5639, -22.5785, 13.0385



28.5639, -2.9079, -43.9123



28.5639, 30.1676, 11.7675

Complementary

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



28.5633, -22.5782, 13.0383



16.2671, 29.4946, -2.1815

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.



28.5639, 34.8742, 0.1950



28.5633, -22.5782, 13.0383



28.5639, 13.5261, -36.9864

Square

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



28.5639, -22.5785, 13.0385



28.5639, -15.9356, -34.2159



28.5639, 28.2315, -18.4453



28.5639, 16.4654, 16.6253

Rectangle

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



28.5633, -22.5782, 13.0383



28.5639, -24.8220, -8.2710



28.5639, 28.2315, -18.4453



28.5639, 32.9668, 8.7903

Sweetspot

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



28.5639, -22.5785, 13.0385



41.1417, -14.8097, 7.2359



29.6872, -18.4655, 17.9697



20.0285, -7.7132, 3.7536



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.5639, -22.5785, 13.0385



37.7706, -30.0377, 17.6328



29.4624, -17.0896, 0.0664



16.1256, -2.3082, 1.3995



33.5842, -26.6459, 15.5436



78.4813, -63.0314, 37.9719

Inverse Universe

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



16.2671, 29.4946, -2.1815



21.4780, 38.8591, -2.2250



15.4822, 26.6239, 9.1445



15.3863, 0.6796, 0.3308



19.1086, 34.6015, -2.2069



44.5137, 80.2394, -2.3083

Previews

White Background



This preview shows how the HunterLab color 28.5633, -22.5782, 13.0383 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



This preview shows how the HunterLab color 28.5633, -22.5782, 13.0383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

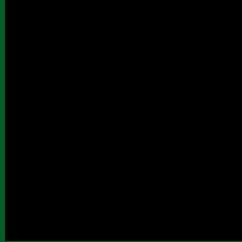
Any Text WCAG AA × Fail

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 28.5633, -22.5782, 13.0383 Background



This preview shows how black text looks on a background with the HunterLab color 28.5633, -22.5782, 13.0383.



This preview shows how white text looks on a background with the HunterLab color 28.5633,

-22.5782, 13.0383.

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

28.5633, -22.5782, 13.0383

Protanopia

28.6110, -3.4193, 14.1113

Deuteranopia

28.5480, 1.7699, 12.4661



Tritanopia

28.6339, -10.7222, -4.9612

Trichromacy



Original Color

28.5633, -22.5782, 13.0383

Protanomaly

27.6749, -13.9303, 13.0596

Deuteranomaly

27.2354, -11.0962, 11.6127

Tritanomaly

28.3099, -16.1068, 3.2214

Monochromacy



Original Color

28.5633, -22.5782, 13.0383

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

23.0301, -11.1653, 5.3244

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.5633, -22.5782, 13.0383 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(0, 94, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 40)  
}
```

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(0, 94, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 28.5633, -22.5782, 13.0383 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(0, 94, 40) }
```


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

```
.border{ border-color:rgb(0, 94, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 40); box-shadow:4px  
4px 4px 4px rgb(0, 94, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.5633, -22.5782, 13.0383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 40) }
```

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

```
.background{ background-color: rgb(0, 94,  
40) }
```

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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