

Converting Colors

HunterLab(28.4470, -3.6150,
-1.6908)

Have a look what the booklet for
HunterLab(28.4470, -3.6150,
-1.6908) contains.

HunterLab(28.4232, -3.4106, -1.8043)	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(28.4232, -3.4106,
-1.8043)**

Conversions

Conversions Part 1

Format	Color
Hex	475258
RGB	71, 82, 88
RGB Percent	28%, 32%, 35%
CMY	0.7216, 0.6784, 0.6549
CMYK	0.19, 0.07, 0.00, 0.65
HSL	201°, 11%, 31%
HSV	201°, 19%, 35%
XYZ	7.3773, 8.0788, 10.4031
YIQ	79.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

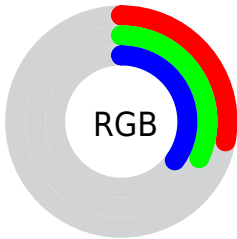
Format	Color
RYB	71, 78, 88
Decimal	4674136
CIELab	34.15, -2.87, -4.97
CIELCh	34, 5.739, 240.038
Yxy	8.0791, 0.2853, 0.3124
Android (android.graphics.Color)	4282864216 (0xFF475258)
YUV	79.3950, 4.2423, -7.3624
Hunter-Lab	28.4232, -3.4106, -1.8043

Details

The HunterLab color **28.4232, -3.4106, -1.8043** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **27.9953, 0.8421, 4.6400**, and the grayscale version is **28.0925, -1.4989, 1.5263**.

A 20% lighter version of the original color is **46.9688, -4.4792, -1.4889**, and **13.1551, -1.9950, -2.2296** is the 20% darker color. If you saturate the color by 10%, you get **27.0413, -4.0905, -3.6522**, and if you desaturate by 10%, it is **29.8585, -2.5742, 0.0203**.

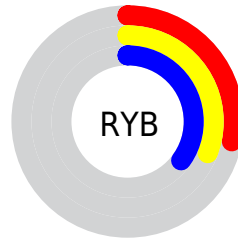
Distribution



Red (28%)

Green (32%)

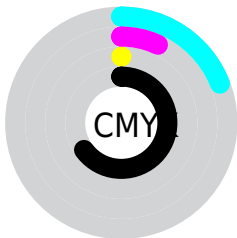
Blue (35%)



Red (28%)

Yellow (31%)

Blue (35%)

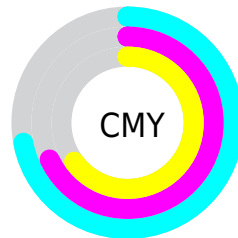


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (65%)



Cyan (72%)

Magenta (68%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4232, -3.4106, -1.8043 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 28.4232, -3.4106, -1.8043 by changing the saturation by 10% instead.

■ 28.4232, -3.4106,
-1.8043

■ 28.4232, -3.4106,
-1.8043

■ 132.7973,
-10.2845, 1.8270

■ 20.3608, -2.7756,
-1.9324

■ 47.0249, -4.7590,
-1.3402

■ 13.2490, -2.1624,
-1.9755

■ 57.4308, -5.4725,
-1.0215

■ 6.7758, -2.2051,
-2.6727

■ 68.5079, -6.2121,
-0.6523

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.2178, -6.9774,
-0.2370

0.0000, NaN, NaN

■ 92.5279, -7.7678,
0.2212

0.0000, NaN, NaN

0.0000, NaN, NaN

105.4103, -8.5829,

0.7195

0.0000, NaN, NaN

118.8406, -9.4219,
1.2554

■ 28.4232, -3.4106,
-1.8043

■ 28.4232, -3.4106,
-1.8043

■ 27.0413, -4.0905,
-3.6522

■ 29.8585, -2.5742,
0.0203

■ 25.7149, -4.5952,
-5.5225

■ 31.3419, -1.5959,
1.8192

■ 24.4488, -4.9067,
-7.4106

■ 32.8705, -0.4911,
3.5927

■ 23.2468, -5.0068,
-9.3106

■ 34.4412, 0.7273,
5.3414

■ 22.1130, -4.8785,
-11.2144

■ 36.0512, 2.0475,
7.0663

■ 21.0507, -4.5080,
-13.1118

■ 37.6979, 3.4592,
8.7689

■ 20.0619, -3.8879,
-14.9918

■ 39.3788, 4.9534,
10.4508

■ 19.1064, -3.1664,
-16.9325

■ 41.0920, 6.5221,
12.1134

■ 19.0413, -3.1177,
-17.0698

■ 42.8354, 8.1585,
13.7586

Harmonies

Analogous

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



28.4238, -4.7674, -0.3433



28.4232, -3.4106, -1.8043



28.4238, -1.5156, -2.3545

Triad

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



28.4238, -3.4111, -1.8038



28.4238, 2.4257, 1.5496



28.4238, -3.4154, 4.5320

Complementary

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



28.4232, -3.4106, -1.8043



27.9953, 0.8421, 4.6400

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.



28.4238, -1.5207, 4.9638



28.4232, -3.4106, -1.8043



28.4238, 1.8839, 3.3161

Square

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



28.4238, -3.4111, -1.8038



28.4238, 1.8866, -0.3388



28.4238, 0.4257, 4.5341



28.4238, -4.7698, 3.3121

Rectangle

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



28.4232, -3.4106, -1.8043



28.4238, -0.1900, -2.1039



28.4238, 0.4257, 4.5341



28.4238, -2.8223, 4.7702

Sweetspot

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



28.4238, -3.4111, -1.8038



40.0886, -3.0196, 0.7725



29.7562, -7.5254, 4.2321



20.1439, -1.5421, 0.3467



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



28.4238, -3.4111, -1.8038



36.7650, -4.9369, -3.4676



26.2336, 0.2171, -4.6977



15.0061, -1.2646, 0.0608



23.1470, -3.4438, -21.4975



53.2655, -5.6286, -54.4266

Inverse Universe

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



26.8152, 5.0016, -1.0400



34.1981, 8.6804, -2.1504



30.1627, -2.8019, 6.8189



14.6256, 0.6660, 0.2122



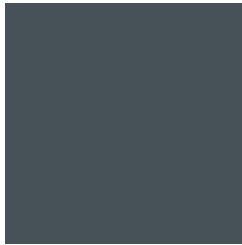
18.8825, 34.6326, -5.5945



44.5591, 81.3829, -10.5398

Previews

White Background



This preview shows how the HunterLab color 28.4232, -3.4106, -1.8043 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 28.4232, -3.4106, -1.8043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

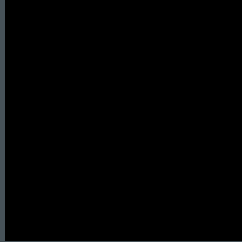
Any Text WCAG AA × Fail

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 28.4232, -3.4106, -1.8043 Background



This preview shows how black text looks on a background with the HunterLab color 28.4232, -3.4106, -1.8043.



This preview shows how white text looks on a background with the HunterLab color 28.4232, -3.4106, -1.8043.

-1.8043.

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

28.4232, -3.4106, -1.8043

Protanopia

28.5148, -0.4649, -1.1859

Deuteranopia

28.3811, 1.8037, -2.2243



Tritanopia

28.4232, -3.4106, -1.8043

Trichromacy



Original Color

28.4232, -3.4106, -1.8043

Protanomaly

28.5495, -1.6734, -1.1628

Deuteranomaly

28.2409, 0.0284, -2.4397

Tritanomaly

28.4232, -3.4106, -1.8043

Monochromacy



Original Color

28.4232, -3.4106, -1.8043

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.0767, -2.2652, 0.4040

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4232, -3.4106, -1.8043 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(71, 82, 88)` looks like.

```
.text, #text, p{  
    color:rgb(71, 82, 88)  
}
```

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(71, 82, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 82, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4232, -3.4106, -1.8043 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(71, 82, 88) }
```


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

```
.border{ border-color:rgb(71, 82, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 82, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 82, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 82, 88);  
box-shadow:4px 4px 4px 4px rgb(71, 82, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4232, -3.4106, -1.8043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 82, 88) }
```

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

```
.background{ background-color: rgb(71, 82,  
88) }
```

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