

Converting Colors

HunterLab(27.8899, -5.6278,
-5.5488)

Have a look what the booklet for
HunterLab(27.8899, -5.6278,
-5.5488) contains.

| | |
|---|----|
| HunterLab(28.0438, -5.7880, -5.2095) | 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(28.0438, -5.7880,
-5.2095)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 39535E |
| RGB | 57, 83, 94 |
| RGB Percent | 22%, 33%, 37% |
| CMY | 0.7765, 0.6745, 0.6314 |
| CMYK | 0.39, 0.12, 0.00, 0.63 |
| HSL | 198°, 25%, 30% |
| HSV | 198°, 39%, 37% |
| XYZ | 6.8010, 7.8645, 11.7492 |
| YIQ | 76.4800, -19.0270, -2.0910 |

Conversions

Conversions Part 2

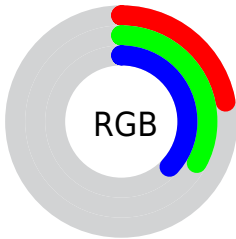
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 57, 72, 94 |
| Decimal | 3756894 |
| CIE _{Lab} | 33.70, -6.64, -9.53 |
| CIE _{LCh} | 34, 11.615, 235.116 |
| Yxy | 7.8649, 0.2575, 0.2977 |
| Android (android.graphics.Color) | 4281946974 (0xFF39535E) |
| YUV | 76.4800, 8.6374, -17.0840 |
| Hunter-Lab | 28.0438, -5.7880, -5.2095 |

Details

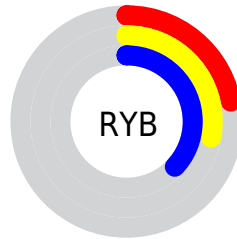
The HunterLab color **28.0438, -5.7880, -5.2095** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.0949, 5.1025, 7.3734**, and the grayscale version is **27.0310, -1.4423, 1.4686**.

A 20% lighter version of the original color is **46.4546, -7.4083, -5.1804**, and **12.9002, -3.8707, -4.9707** is the 20% darker color. If you saturate the color by 10%, you get **26.8228, -6.3158, -6.9905**, and if you desaturate by 10%, it is **29.3317, -5.0444, -3.4201**.

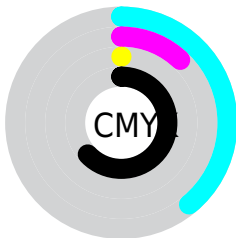
Distribution



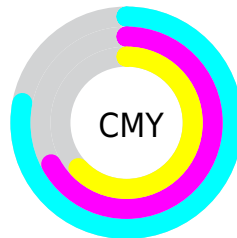
- Red (22%)
- Green (33%)
- Blue (37%)



- Red (22%)
- Yellow (28%)
- Blue (37%)



- Cyan (39%)
- Magenta (12%)
- Yellow (0%)
- Black (63%)



- Cyan (78%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0438, -5.7880, -5.2095 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 28.0438, -5.7880, -5.2095 by changing the saturation by 10% instead.

■ 28.0438, -5.7880,
-5.2095

■ 28.0438, -5.7880,
-5.2095

■ 132.1621,
-14.3982, -3.3369

■ 20.0215, -4.8737,
-5.0939

■ 46.5758, -7.6143,
-5.1986

■ 12.9552, -3.9391,
-4.8858

■ 56.9507, -8.5392,
-5.0902

■ 6.4000, -4.8647,
-5.8938

■ 67.9987, -9.4767,
-4.9220

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.6810, -10.4285,
-4.6992

0.0000, NaN, NaN

■ 91.9649, -11.3959,
-4.4259

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8222,

-12.3797, -4.1059

0.0000, NaN, NaN

118.2285,
-13.3804, -3.7420

■ 28.0438, -5.7880,
-5.2095

■ 28.0438, -5.7880,
-5.2095

■ 26.8228, -6.3158,
-6.9905

■ 29.3317, -5.0444,
-3.4201

■ 25.6706, -6.6095,
-8.7563

■ 30.6812, -4.1028,
-1.6305

■ 24.5908, -6.6541,
-10.4966

■ 32.0891, -2.9817,
0.1545

■ 23.5854, -6.4387,
-12.2007

■ 33.5517, -1.6985,
1.9311

■ 22.6553, -5.9598,
-13.8584

■ 35.0655, -0.2696,
3.6968

■ 21.7624, -5.3580,
-15.5350

■ 36.6272, 1.2904,
5.4500

■ 21.7053, -5.3200,
-15.6455

■ 38.2338, 2.9681,
7.1896

■ 39.8824, 4.7515,
8.9155

■ 41.5703, 6.6302,
10.6277

Harmonies

Analogous

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



28.0443, -8.1670, -1.7815



28.0438, -5.7880, -5.2095



28.0443, -2.1538, -6.8441

Triad

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



28.0443, -5.7883, -5.2090



28.0443, 6.6373, 0.8924



28.0443, -4.7077, 7.4079

Complementary

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



28.0438, -5.7880, -5.2095



26.0949, 5.1025, 7.3734

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.



28.0443, -0.8359, 7.9158



28.0438, -5.7880, -5.2095



28.0443, 5.8592, 4.4750

Square

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



28.0443, -5.7883, -5.2090



28.0443, 5.1372, -3.0189



28.0443, 3.0670, 6.9191



28.0443, -7.5682, 5.4191

Rectangle

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



28.0438, -5.7880, -5.2095



28.0443, 0.5489, -6.5514



28.0443, 3.0670, 6.9191



28.0443, -3.4876, 7.7444

Sweetspot

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



28.0443, -5.7883, -5.2090



41.8927, -4.4160, -0.5062



30.4738, -13.9789, 8.0526



20.4411, -2.2150, -0.3306



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.



28.0443, -5.7883, -5.2090



35.6350, -8.3069, -9.0386



23.3683, 1.8754, -12.4363



15.8613, -1.4369, 0.1251



25.3643, -6.0116, -18.7259



57.9939, -12.0365, -46.5040

Inverse Universe

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



24.3530, 13.3866, -4.6841



29.9313, 22.3504, -7.7983



30.5421, -2.7120, 11.2576



15.4007, 0.7574, 0.1250



19.5683, 36.2533, -8.6111



45.6152, 84.2055, -17.7176

Previews

White Background



This preview shows how the HunterLab color 28.0438, -5.7880, -5.2095 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 28.0438, -5.7880, -5.2095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

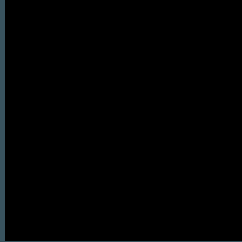
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

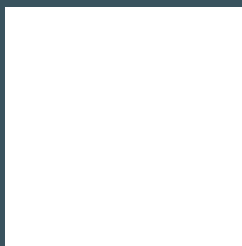
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 28.0438, -5.7880, -5.2095 Background



This preview shows how black text looks on a background with the HunterLab color 28.0438, -5.7880, -5.2095.



This preview shows how white text looks on a background with the HunterLab color 28.0438, -5.7880, -5.2095.

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

28.0438, -5.7880, -5.2095

Protanopia

27.8960, 0.2814, -3.8418

Deuteranopia

27.9218, 1.9211, -5.7504



Tritanopia

28.1418, -7.0890, -3.1624

Trichromacy



Original Color

28.0438, -5.7880, -5.2095

Protanomaly

27.9502, -2.1249, -4.2928

Deuteranomaly

27.8528, -0.9331, -5.8998

Tritanomaly

28.1722, -6.9162, -3.5914

Monochromacy



Original Color

28.0438, -5.7880, -5.2095

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.3527, -3.4159, -0.9441

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0438, -5.7880, -5.2095 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(57, 83, 94)` looks like.

```
.text, #text, p{  
    color:rgb(57, 83, 94)  
}
```

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(57, 83, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 83, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0438, -5.7880, -5.2095 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(57, 83, 94) }
```


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

```
.border{ border-color:rgb(57, 83, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 83, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 83, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 83, 94);  
box-shadow:4px 4px 4px 4px rgb(57, 83, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.0438, -5.7880, -5.2095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 83, 94) }
```

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

```
.background{ background-color: rgb(57, 83,  
94) }
```

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