

Converting Colors

HunterLab(27.5798, -8.3180,
0.5335)

Have a look what the booklet for
HunterLab(27.5798, -8.3180, 0.5335)
contains.

HunterLab(27.5798, -8.3180, 0.5335)	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(27.5798, -8.3180,
0.5335)**

Conversions

Conversions Part 1

Format	Color
Hex	385350
RGB	56, 83, 80
RGB Percent	22%, 33%, 31%
CMY	0.7804, 0.6745, 0.6863
CMYK	0.33, 0.00, 0.04, 0.67
HSL	173°, 19%, 27%
HSV	173°, 33%, 33%
XYZ	6.1721, 7.6065, 8.7323
YIQ	74.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

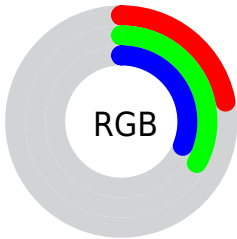
Format	Color
R_{YB}	56, 70, 83
Decimal	3691344
CIE _{Lab}	33.15, -10.88, -1.51
CIE _{LCh}	33, 10.984, 187.890
Yxy	7.6068, 0.2742, 0.3379
Android (android.graphics.Color)	4281881424 (0xFF385350)
YUV	74.5850, 2.6696, -16.2990
Hunter-Lab	27.5798, -8.3180, 0.5335

Details

The HunterLab color **27.5798, -8.3180, 0.5335** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22.3233, 7.0808, 2.8892**, and the grayscale version is **26.3723, -1.4072, 1.4329**.

A 20% lighter version of the original color is **46.1553, -10.9311, 1.5701**, and **12.5887, -5.7301, -0.2042** is the 20% darker color. If you saturate the color by 10%, you get **27.1543, -9.9695, 0.3740**, and if you desaturate by 10%, it is **28.0710, -6.4581, 0.7739**.

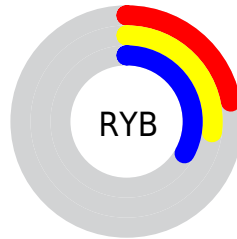
Distribution



 Red (22%)

 Green (33%)

 Blue (31%)



 Red (22%)

 Yellow (27%)

 Blue (33%)

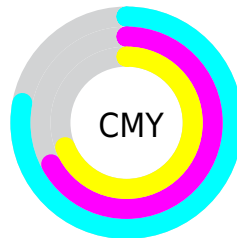


 Cyan (33%)

 Magenta (0%)

 Yellow (4%)

 Black (67%)



 Cyan (78%)

 Magenta (67%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5798, -8.3180, 0.5335 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 27.5798, -8.3180, 0.5335 by changing the saturation by 10% instead.

■ 27.5798, -8.3180,
0.5335

■ 27.5798, -8.3180,
0.5335

■ 131.3828,
-18.9287, 5.5424

■ 19.6071, -7.0754,
0.2000

■ 46.0259, -10.7010,
1.3637

■ 12.5972, -5.7579,
-0.0684

■ 56.3625, -11.8702,
1.8486

■ 5.9054, -8.3435,
-0.7369

■ 67.3746, -13.0354,
2.3748

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.0229, -14.2015,
2.9397

0.0000, NaN, NaN

■ 91.2745, -15.3718,
3.5407

0.0000, NaN, NaN

■ 104.1010,

0.0000, NaN, NaN

-16.5486, 4.1759

0.0000, NaN, NaN

117.4776,
-17.7338, 4.8436

■ 27.5798, -8.3180,
0.5335

■ 27.5798, -8.3180,
0.5335

■ 27.1543, -9.9695,
0.3740

■ 28.0710, -6.4581,
0.7739

■ 26.7923, -11.4023,
0.2946

■ 28.6262, -4.4013,
1.0924

■ 26.4930, -12.6119,
0.2943

■ 29.2450, -2.1627,
1.4867

■ 26.2540, -13.5983,
0.3702

■ 29.9264, 0.2414,
1.9529

■ 26.0721, -14.3677,
0.5175

■ 30.6685, 2.7939,
2.4869

■ 25.9374, -14.9532,
0.7229

■ 31.4695, 5.4778,
3.0839

■ 25.8422, -15.3712,
0.8815

■ 32.3270, 8.2767,
3.7391

■ 33.2388, 11.1750,
4.4473

■ 34.2023, 14.1585,
5.2039

Harmonies

Analogous

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



27.5804, -7.8972, 3.9821



27.5798, -8.3180, 0.5335



27.5804, -6.9851, -3.0982

Triad

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



27.5804, -8.3184, 0.5339



27.5804, 3.1405, -4.5406



27.5804, 1.3201, 7.1761

Complementary

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



27.5798, -8.3180, 0.5335



22.3233, 7.0808, 2.8892

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.



27.5804, 4.5089, 5.4238



27.5798, -8.3180, 0.5335



27.5804, 5.5988, -1.2338

Square

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



27.5804, -8.3184, 0.5339



27.5804, -0.4669, -6.2748



27.5804, 6.1126, 2.4348



27.5804, -2.4651, 7.5164

Rectangle

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



27.5798, -8.3180, 0.5335



27.5804, -5.2361, -5.0304



27.5804, 6.1126, 2.4348



27.5804, 2.5031, 6.7453

Sweetspot

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



27.5804, -8.3184, 0.5339



37.5273, -5.1223, 1.5302



27.2153, -10.7675, 8.4304



18.5996, -2.6532, 0.7409



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



27.5804, -8.3184, 0.5339



35.5525, -12.5562, 0.5253



24.8692, -3.6709, -4.2512



14.5458, -1.7967, 0.6224



32.8645, -19.6100, 1.2545



78.8734, -47.4073, 3.7538

Inverse Universe

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



22.3233, 7.0808, 2.8892



27.1893, 12.0917, 4.3397



24.6216, 2.2236, 6.2009



13.8122, 0.3321, 0.9422



17.3254, 29.8182, 10.0488



41.5185, 71.2790, 25.4531

Previews

White Background



This preview shows how the HunterLab color 27.5798, -8.3180, 0.5335 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 27.5798, -8.3180, 0.5335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

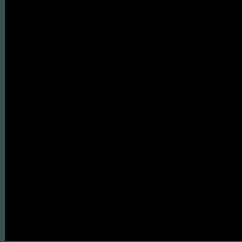
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

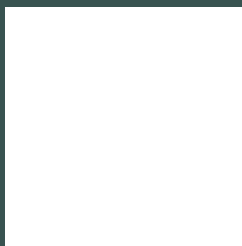
Any Text WCAG AAA × Fail

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

HunterLab 27.5798, -8.3180, 0.5335 Background



This preview shows how black text looks on a background with the HunterLab color 27.5798, -8.3180, 0.5335.



This preview shows how white text looks on a background with the HunterLab color 27.5798, -8.3180,

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

27.5798, -8.3180, 0.5335

Protanopia

27.3968, -0.9173, 1.6710

Deuteranopia

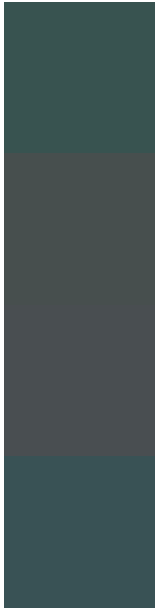
27.3502, 1.7796, -0.4206



Tritanopia

27.6382, -6.2341, -2.8844

Trichromacy



Original Color

27.5798, -8.3180, 0.5335

Protanomaly

27.3525, -3.6888, 1.1663

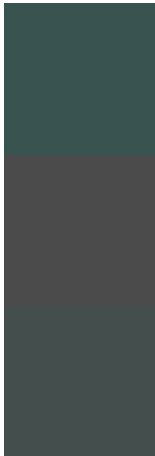
Deuteranomaly

27.3118, -2.3255, -0.1106

Tritanomaly

27.4960, -6.9317, -1.7105

Monochromacy



Original Color

27.5798, -8.3180, 0.5335

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.8580, -4.1489, 0.9777

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5798, -8.3180, 0.5335 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(56, 83, 80)` looks like.

```
.text, #text, p{  
    color:rgb(56, 83, 80)  
}
```

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(56, 83, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 83, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5798, -8.3180, 0.5335 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(56, 83, 80) }
```


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

```
.border{ border-color:rgb(56, 83, 80) }
```

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

Here you see how a box with a 4 pixel rgb(56, 83, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 83, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 83, 80);  
box-shadow:4px 4px 4px 4px rgb(56, 83, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.5798, -8.3180, 0.5335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 83, 80) }
```

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

```
.background{ background-color: rgb(56, 83,  
80) }
```

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