

Converting Colors

HunterLab(28.7816, -8.5785,
-5.7122)

Have a look what the booklet for
HunterLab(28.7816, -8.5785,
-5.7122) contains.

HunterLab(28.7816, -8.5785, -5.7122)	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(28.7816, -8.5785,
-5.7122)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5761
RGB	47, 87, 97
RGB Percent	18%, 34%, 38%
CMY	0.8157, 0.6588, 0.6196
CMYK	0.52, 0.10, 0.00, 0.62
HSL	192°, 35%, 28%
HSV	192°, 52%, 38%
XYZ	6.7382, 8.2838, 12.5531
YIQ	76.1800, -27.0500, -5.3700

Conversions

Conversions Part 2

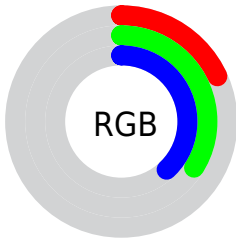
Format	Color
R_{YB}	47, 69, 97
Decimal	3102561
CIE _{Lab}	34.57, -11.02, -10.16
CIE _{LCh}	35, 14.989, 222.649
Yxy	8.2841, 0.2444, 0.3004
Android (android.graphics.Color)	4281292641 (0xFF2F5761)
YUV	76.1800, 10.2643, -25.5909
Hunter-Lab	28.7816, -8.5785, -5.7122

Details

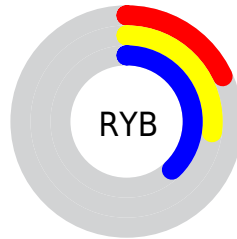
The HunterLab color $[28.7816, -8.5785, -5.7122]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[23.8183, 10.0748, 8.1580]$, and the grayscale version is $[26.9199, -1.4364, 1.4626]$.

A 20% lighter version of the original color is $[47.5088, -10.9242, -5.8812]$, and $[13.7657, -5.6054, -5.1054]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.8724, -9.1675, -7.0430]$, and if you desaturate by 10%, it is $[29.7645, -7.7356, -4.3228]$.

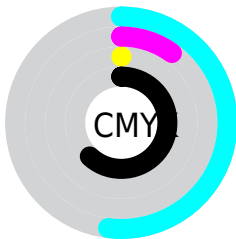
Distribution



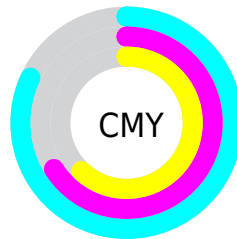
- Red (18%)
- Green (34%)
- Blue (38%)



- Red (18%)
- Yellow (27%)
- Blue (38%)



- Cyan (52%)
- Magenta (10%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7816, -8.5785, -5.7122 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 28.7816, -8.5785, -5.7122 by changing the saturation by 10% instead.

■ 28.7816, -8.5785,
-5.7122

■ 28.7816, -8.5785,
-5.7122

■ 133.3956,
-19.2556, -4.0241

■ 20.6816, -7.3318,
-5.5749

■ 47.4485, -10.9742,
-5.7453

■ 13.5272, -6.0150,
-5.3469

■ 57.8835, -12.1509,
-5.6585

■ 7.1111, -7.1356,
-5.7941

■ 68.9880, -13.3238,
-5.5114

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.7237, -14.4977,
-5.3091

0.0000, NaN, NaN

■ 93.0584, -15.6757,
-5.0559

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9643,

-16.8603, -4.7554

0.0000, NaN, NaN

119.4172,
-18.0532, -4.4106

■ 28.7816, -8.5785,
-5.7122

■ 28.7816, -8.5785,
-5.7122

■ 27.8724, -9.1675,
-7.0430

■ 29.7645, -7.7356,
-4.3228

■ 27.0362, -9.4931,
-8.3081

■ 30.8176, -6.6517,
-2.8850

■ 26.2729, -9.5526,
-9.5000

■ 31.9393, -5.3434,
-1.4069

■ 25.5792, -9.3566,
-10.6162

■ 33.1265, -3.8280,
0.1036

■ 25.0108, -9.1273,
-11.5581

■ 34.3762, -2.1237,
1.6395

■ 35.6854, -0.2481,
3.1946

■ 37.0507, 1.7821,
4.7638

■ 38.4691, 3.9511,
6.3431

■ 39.9375, 6.2446,
7.9289

Harmonies

Analogous

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



28.7821, -10.7223, -0.6118



28.7816, -8.5785, -5.7122



28.7821, -4.4805, -9.1638

Triad

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



28.7821, -8.5787, -5.7117



28.7821, 8.7236, -1.4404



28.7821, -3.7102, 9.4366

Complementary

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



28.7816, -8.5785, -5.7122



23.8183, 10.0748, 8.1580

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.



28.7821, 1.5292, 9.2950



28.7816, -8.5785, -5.7122



28.7821, 8.9669, 3.5872

Square

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



28.7821, -8.5787, -5.7117



28.7821, 5.6110, -6.4110



28.7821, 6.2537, 7.3326



28.7821, -8.0496, 7.7617

Rectangle

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



28.7816, -8.5785, -5.7122



28.7821, -1.0702, -9.7447



28.7821, 6.2537, 7.3326



28.7821, -2.0014, 9.5899

Sweetspot

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



28.7821, -8.5787, -5.7117



42.7552, -5.8146, -0.6384



30.7264, -17.9559, 11.3579



21.1920, -3.0416, -0.4612



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.



28.7821, -8.5787, -5.7117



36.2357, -12.1291, -9.6029



22.3702, 1.5349, -16.1633



16.7798, -1.7009, 0.2564



29.0627, -10.4963, -13.6674



66.2333, -22.9809, -33.1767

Inverse Universe

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



22.9408, 19.5084, -8.8271



27.4625, 31.6991, -14.0375



29.4220, -0.5393, 12.7003



16.1882, 0.8814, -0.0466



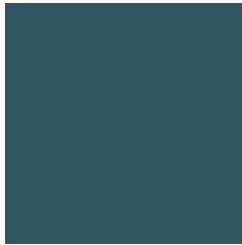
20.4744, 38.6485, -14.5639



47.1890, 88.8551, -31.8509

Previews

White Background



This preview shows how the HunterLab color 28.7816, -8.5785, -5.7122 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 28.7816, -8.5785, -5.7122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

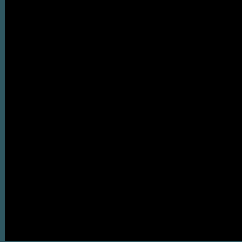
Any Text WCAG AA × Fail

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 28.7816, -8.5785, -5.7122 Background



This preview shows how black text looks on a background with the HunterLab color 28.7816, -8.5785, -5.7122.



This preview shows how white text looks on a background with the HunterLab color 28.7816, -8.5785, -5.7122.

-5.7122.

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

28.7816, -8.5785, -5.7122

Protanopia

28.6180, 0.2469, -3.8165

Deuteranopia

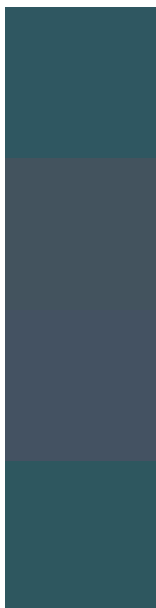
28.6327, 1.9877, -6.7654



Tritanopia

28.6450, -9.2799, -4.4302

Trichromacy



Original Color

28.7816, -8.5785, -5.7122

Protanomaly

28.6146, -3.7368, -4.3752

Deuteranomaly

28.5401, -2.3758, -6.4606

Tritanomaly

28.6766, -9.0988, -4.8731

Monochromacy



Original Color

28.7816, -8.5785, -5.7122

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.3884, -4.5966, -1.3610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7816, -8.5785, -5.7122 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(47, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(47, 87, 97)  
}
```

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(47, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 87, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7816, -8.5785, -5.7122 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(47, 87, 97) }
```


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

```
.border{ border-color:rgb(47, 87, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 87, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(47, 87, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7816, -8.5785, -5.7122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 87, 97) }
```

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

```
.background{ background-color: rgb(47, 87,  
97) }
```

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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