

Converting Colors

HunterLab(27.7514, -2.8706,
-5.7038)

Have a look what the booklet for
HunterLab(27.7514, -2.8706,
-5.7038) contains.

HunterLab(27.6935, -2.8998, -5.6580)	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(27.6935, -2.8998,
-5.6580)**

Conversions

Conversions Part 1	
Format	Color
Hex	41505E
RGB	65, 80, 94
RGB Percent	25%, 31%, 37%
CMY	0.7451, 0.6863, 0.6314
CMYK	0.31, 0.15, 0.00, 0.63
HSL	209°, 18%, 31%
HSV	209°, 31%, 37%
XYZ	7.0690, 7.6693, 11.6974
YIQ	77.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

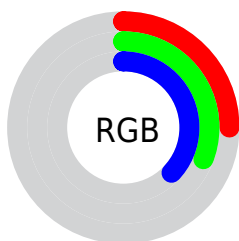
Format	Color
RYB	65, 75, 94
Decimal	4280414
CIELab	33.29, -2.16, -10.10
CIELCh	33, 10.332, 257.913
Yxy	7.6696, 0.2674, 0.2901
Android (android.graphics.Color)	4282470494 (0xFF41505E)
YUV	77.1110, 8.3263, -10.6213
Hunter-Lab	27.6935, -2.8998, -5.6580

Details

The HunterLab color **27.6935, -2.8998, -5.6580** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **28.9023, 1.0915, 7.5690**, and the grayscale version is **27.2571, -1.4544, 1.4809**.

A 20% lighter version of the original color is **46.1428, -4.0631, -5.5417**, and **12.7431, -1.9494, -5.1922** is the 20% darker color. If you saturate the color by 10%, you get **25.9476, -2.9169, -8.2598**, and if you desaturate by 10%, it is **29.5038, -2.6996, -3.1482**.

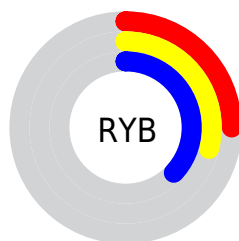
Distribution



Red (25%)

Green (31%)

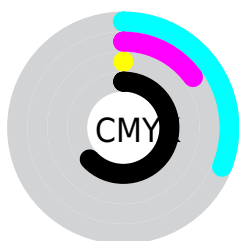
Blue (37%)



Red (25%)

Yellow (29%)

Blue (37%)

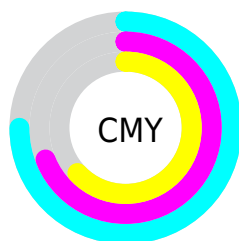


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (63%)



Cyan (75%)

Magenta (69%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6935, -2.8998, -5.6580 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 27.6935, -2.8998, -5.6580 by changing the saturation by 10% instead.

27.6935, -2.8998,
-5.6580

27.6935, -2.8998,
-5.6580

131.5740, -9.4321,
-4.0154

19.7086, -2.3180,
-5.5118

46.1607, -4.1553,
-5.7055

12.6848, -1.7652,
-5.2741

56.5068, -4.8273,
-5.6246

6.0306, -1.8854,
-6.6816

67.5276, -5.5281,
-5.4827

0.0000, NaN, NaN

0.0000, NaN, NaN

79.1843, -6.2565,
-5.2852

0.0000, NaN, NaN

91.4438, -7.0120,
-5.0363

0.0000, NaN, NaN

0.0000, NaN, NaN

104.2779, -7.7935,

-4.7397

0.0000, NaN, NaN

117.6619, -8.6005,
-4.3985

■ 27.6935, -2.8998,
-5.6580

■ 27.6935, -2.8998,
-5.6580

■ 25.9476, -2.9169,
-8.2598

■ 29.5038, -2.6996,
-3.1482

■ 24.2710, -2.7250,
-10.9613

■ 31.3711, -2.3377,
-0.7245

■ 22.6711, -2.2973,
-13.7651

■ 33.2911, -1.8339,
1.6217

■ 21.1559, -1.6061,
-16.6702

■ 35.2593, -1.2054,
3.8983

■ 19.7334, -0.6258,
-19.6690

■ 37.2720, -0.4665,
6.1131

■ 18.4104, 0.6592,
-22.7482

■ 39.3259, 0.3700,
8.2731

■ 17.2435, 1.9454,
-25.7525

■ 41.4179, 1.2936,
10.3848

■ 43.5455, 2.2950,
12.4540

■ 45.7064, 3.3663,
14.4860

Harmonies

Analogous

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



27.6941, -5.9259, -3.7820



27.6935, -2.8998, -5.6580



27.6941, 0.6610, -5.4434

Triad

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



27.6941, -2.9001, -5.6575



27.6941, 5.3504, 3.4391



27.6941, -6.3853, 5.5319

Complementary

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



27.6935, -2.8998, -5.6580



28.9023, 1.0915, 7.5690

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.



27.6941, -3.5563, 7.0225



27.6935, -2.8998, -5.6580



27.6941, 3.2672, 5.9235

Square

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



27.6941, -2.9001, -5.6575



27.6941, 5.5481, 0.1068



27.6941, -0.0290, 7.1561



27.6941, -7.8688, 2.8386

Rectangle

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



27.6935, -2.8998, -5.6580



27.6941, 2.8603, -4.1469



27.6941, -0.0290, 7.1561



27.6941, -5.5669, 6.1747

Sweetspot

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



27.6941, -2.9001, -5.6575



41.9062, -3.0005, -0.4646



31.1242, -11.0112, 5.0633



20.3898, -1.4981, -0.3821



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.



27.6941, -2.9001, -5.6575



34.9505, -3.8796, -9.9872



24.1345, 3.2269, -11.0874



15.6595, -1.1072, -0.1174



20.0415, 2.7325, -30.9489



44.9524, 10.0821, -77.9510

Inverse Universe

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



25.9609, 9.2618, -1.1744



32.2813, 15.7834, -2.2275



32.5516, -4.9386, 10.8623



15.3799, 0.6452, 0.4218



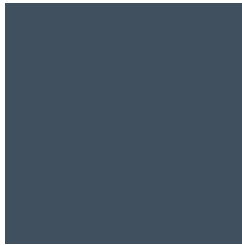
18.9346, 33.9714, 0.2564



44.1046, 78.7540, 3.5107

Previews

White Background



This preview shows how the HunterLab color 27.6935, -2.8998, -5.6580 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 27.6935, -2.8998, -5.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

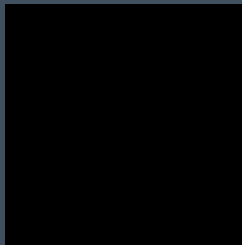
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

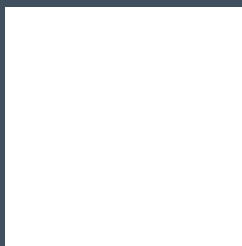
Any Text WCAG AAA × Fail

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

HunterLab 27.6935, -2.8998, -5.6580 Background



This preview shows how black text looks on a background with the HunterLab color 27.6935, -2.8998, -5.6580.



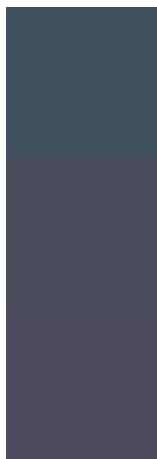
This preview shows how white text looks on a background with the HunterLab color 27.6935, -2.8998,

-5.6580.

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

27.6935, -2.8998, -5.6580

Protanopia

27.5251, 0.3861, -4.8424

Deuteranopia

27.5189, 1.8562, -6.3364



Tritanopia

27.7118, -4.5773, -2.7575

Trichromacy



Original Color

27.6935, -2.8998, -5.6580

Protanomaly

27.5294, -0.8518, -5.3549

Deuteranomaly

27.4781, 0.4202, -6.4213

Tritanomaly

27.7723, -4.2391, -3.6112

Monochromacy



Original Color

27.6935, -2.8998, -5.6580

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.3675, -2.0190, -0.9010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6935, -2.8998, -5.6580 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(65, 80, 94) looks like.

```
.text, #text, p{  
    color:rgb(65, 80, 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(65, 80, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 80, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6935, -2.8998, -5.6580 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(65, 80, 94) }
```


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

```
.border{ border-color:rgb(65, 80, 94) }
```

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

Here you see how a box with a 4 pixel rgb(65, 80, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 80, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 80, 94);  
box-shadow:4px 4px 4px 4px rgb(65, 80, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.6935, -2.8998, -5.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 80, 94) }
```

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

```
.background{ background-color: rgb(65, 80,  
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