

Converting Colors

HunterLab(28.9272, -6.4865,
-11.3675)

Have a look what the booklet for
HunterLab(28.9272, -6.4865,
-11.3675) contains.

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Color

**HunterLab(28.8031, -6.3011,
-11.5661)**

Conversions

Conversions Part 1

Format	Color
Hex	2D566C
RGB	45, 86, 108
RGB Percent	18%, 34%, 42%
CMY	0.8235, 0.6627, 0.5765
CMYK	0.58, 0.20, 0.00, 0.58
HSL	201°, 41%, 30%
HSV	201°, 58%, 42%
XYZ	7.1168, 8.2962, 15.4136
YIQ	76.2490, -31.4980, -1.8500

Conversions

Conversions Part 2

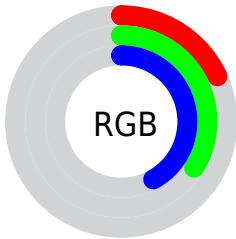
Format	Color
R _Y B	45, 70, 108
Decimal	2971244
CIE Lab	34.59, -7.33, -17.01
CIE LCh	35, 18.517, 246.688
Yxy	8.2965, 0.2309, 0.2691
Android (android.graphics.Color)	4281161324 (0xFF2D566C)
YUV	76.2490, 15.6532, -27.4054
Hunter-Lab	28.8031, -6.3011, -11.5661




Details

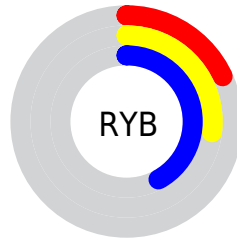
The HunterLab color **28.8031, -6.3011, -11.5661** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.1887, 9.3103, 11.5020**, and the grayscale version is **26.9271, -1.4368, 1.4630**.




A 20% lighter version of the original color is **47.5743, -8.3152, -12.2782**, and **13.8279, -3.4347, -9.8692** is the 20% darker color. If you saturate the color by 10%, you get **27.3781, -6.1335, -13.9616**, and if you desaturate by 10%, it is **30.3181, -6.1696, -9.1712**.

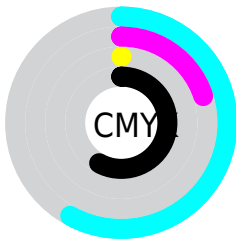
Distribution







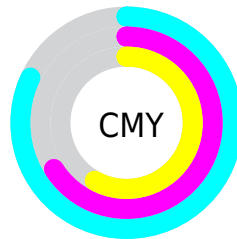
-  Red (18%)
-  Green (34%)
-  Blue (42%)






-  Red (18%)
-  Yellow (27%)
-  Blue (42%)



-  Cyan (58%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (82%)
-  Magenta (66%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8031, -6.3011, -11.5661 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 28.8031, -6.3011, -11.5661 by changing the saturation by 10% instead.

■ 28.8031, -6.3011,
-11.5661

■ 28.8031, -6.3011,
-11.5661

■ 133.4314,
-15.2401, -12.1680

■ 20.7008, -5.3362,
-11.1734

■ 47.4738, -8.2158,
-12.1408

■ 13.5439, -4.3453,
-10.7393

■ 57.9106, -9.1806,
-12.3223

■ 7.1306, -4.8589,
-11.3944

■ 69.0167, -10.1555,
-12.4380

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.7540, -11.1429,
-12.4922

0.0000, NaN, NaN

■ 93.0902, -12.1443,
-12.4887

0.0000, NaN, NaN

■ 105.9975,

0.0000, NaN, NaN

-13.1605, -12.4314

0.0000, NaN, NaN

119.4517,
-14.1923, -12.3235

■ 28.8031, -6.3011,
-11.5661

■ 28.8031, -6.3011,
-11.5661

■ 27.3781, -6.1335,
-13.9616

■ 30.3181, -6.1696,
-9.1712

■ 26.0458, -5.6491,
-16.3457

■ 31.9165, -5.7615,
-6.7896

■ 24.8095, -4.8387,
-18.7027

■ 33.5935, -5.1008,
-4.4291

■ 23.6434, -3.7994,
-21.0753

■ 35.3436, -4.2121,
-2.0952

■ 23.4498, -3.6248,
-21.4853

■ 37.1617, -3.1184,
0.2087

■ 39.0431, -1.8412,
2.4811

■ 40.9832, -0.3999,
4.7217

■ 42.9779, 1.1879,
6.9313

■ 45.0235, 2.9070,
9.1110

Harmonies

Analogous

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



28.8036, -10.8567, -6.4427



28.8031, -6.3011, -11.5661



28.8036, -0.0742, -12.8478

Triad

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



28.8036, -6.3011, -11.5656



28.8036, 11.8976, 2.9133



28.8036, -8.6051, 9.5392

Complementary

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



28.8031, -6.3011, -11.5661



27.1887, 9.3103, 11.5020

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.



28.8036, -2.9740, 11.0239



28.8031, -6.3011, -11.5661



28.8036, 9.1394, 7.7836

Square

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



28.8036, -6.3011, -11.5656



28.8036, 10.8088, -3.5232



28.8036, 3.5553, 10.4608



28.8036, -12.1026, 5.8715

Rectangle

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



28.8031, -6.3011, -11.5661



28.8036, 4.2687, -11.1463



28.8036, 3.5553, 10.4608



28.8036, -6.9191, 10.2685

Sweetspot

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



28.8036, -6.3011, -11.5656



47.0359, -5.4654, -2.5092



34.1710, -20.9955, 11.7447



22.9747, -2.7816, -1.4500



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



28.8036, -6.3011, -11.5656



35.6312, -7.9469, -19.6295



21.0263, 7.1731, -26.9241



18.2285, -1.5706, 0.0325



25.5089, -3.8002, -23.6803



56.1114, -6.2490, -56.6446

Inverse Universe

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



23.9522, 23.6842, -6.6200



28.8069, 38.1215, -9.6280



34.6698, -4.1446, 17.0447



17.7393, 0.9031, 0.2141



20.8068, 38.1628, -6.1706



46.7874, 85.4983, -11.4204

Previews

White Background



This preview shows how the HunterLab color 28.8031, -6.3011, -11.5661 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 28.8031, -6.3011, -11.5661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

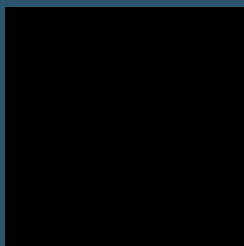
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

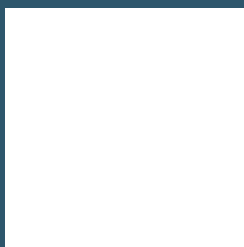
Any Text WCAG AAA × Fail

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

HunterLab 28.8031, -6.3011, -11.5661 Background



This preview shows how black text looks on a background with the HunterLab color 28.8031, -6.3011, -11.5661.



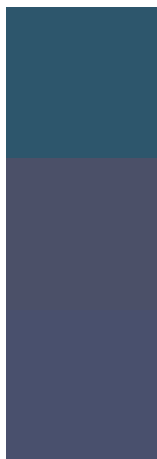
This preview shows how white text looks on a background with the HunterLab color 28.8031, -6.3011, -11.5661.

-11.5661.

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

28.8031, -6.3011, -11.5661

Protanopia

28.6926, 1.2304, -9.3611

Deuteranopia

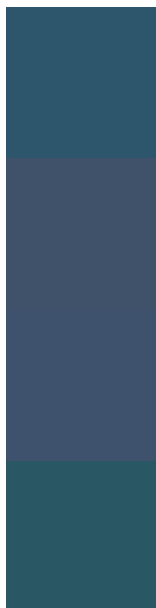
28.7366, 1.7432, -12.1128



Tritanopia

28.7346, -10.3401, -4.8138

Trichromacy



Original Color

28.8031, -6.3011, -11.5661

Protanomaly

28.5386, -1.8974, -10.2134

Deuteranomaly

28.6277, -1.2924, -12.3466

Tritanomaly

28.6858, -8.7371, -7.3964

Monochromacy



Original Color

28.8031, -6.3011, -11.5661

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.5059, -3.9410, -3.0211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8031, -6.3011, -11.5661 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(45, 86, 108)` looks like.

```
.text, #text, p{  
    color:rgb(45, 86, 108)  
}
```

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(45, 86, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 86, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8031, -6.3011, -11.5661 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(45, 86, 108) }
```


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

```
.border{ border-color:rgb(45, 86, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 86, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 86, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 86, 108);  
box-shadow:4px 4px 4px 4px rgb(45, 86,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8031, -6.3011, -11.5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 86, 108) }
```

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

```
.background{ background-color: rgb(45, 86,  
108) }
```

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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