

Converting Colors

HunterLab(28.7615, 0.1985,
-16.8000)

Have a look what the booklet for
HunterLab(28.7615, 0.1985,
-16.8000) contains.

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Color

**HunterLab(28.8289, 0.0283,
-16.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5275
RGB	61, 82, 117
RGB Percent	24%, 32%, 46%
CMY	0.7608, 0.6784, 0.5412
CMYK	0.48, 0.30, 0.00, 0.54
HSL	218°, 31%, 35%
HSV	218°, 48%, 46%
XYZ	8.1527, 8.3111, 18.0041
YIQ	79.7110, -23.7510, 6.4330

Conversions

Conversions Part 2

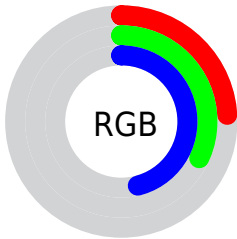
Format	Color
R_{YB}	61, 76, 117
Decimal	4018805
CIE Lab	34.62, 2.31, -22.49
CIE LCh	35, 22.612, 275.857
Yxy	8.3114, 0.2365, 0.2411
Android (android.graphics.Color)	4282208885 (0xFF3D5275)
YUV	79.7110, 18.3835, -16.4095
Hunter-Lab	28.8289, 0.0283, -16.8474

Details

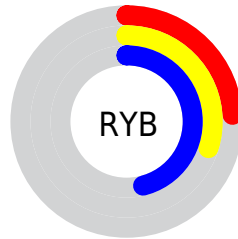
The HunterLab color $28.8289, 0.0283, -16.8474$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $35.3341, 0.6135, 14.3747$, and the grayscale version is $28.1611, -1.5026, 1.5300$.

A 20% lighter version of the original color is $47.4096, -0.7631, -17.7421$, and $13.6657, 0.4771, -15.9981$ is the 20% darker color. If you saturate the color by 10%, you get $26.3343, 1.2760, -21.6419$, and if you desaturate by 10%, it is $31.4426, -0.8962, -12.3761$.

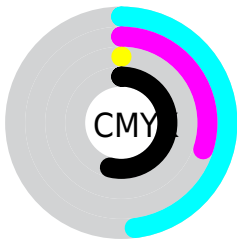
Distribution



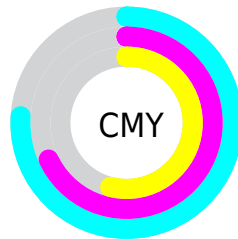
- Red (24%)
- Green (32%)
- Blue (46%)



- Red (24%)
- Yellow (30%)
- Blue (46%)



- Cyan (48%)
- Magenta (30%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (68%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8289, 0.0283, -16.8474 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 28.8289, 0.0283, -16.8474 by changing the saturation by 10% instead.

■ 28.8289, 0.0283,
-16.8474

■ 28.8289, 0.0283,
-16.8474

■ 133.4744, -4.5331,
-19.0106

■ 20.7240, 0.3014,
-16.3446

■ 47.5043, -0.6907,
-17.7427

■ 13.5640, 0.5035,
-15.8981

■ 57.9432, -1.1237,
-18.1019

■ 7.1541, 1.0233,
-17.0579

■ 69.0512, -1.5998,
-18.3982

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.7904, -2.1159,
-18.6330

0.0000, NaN, NaN

■ 93.1283, -2.6693,
-18.8088

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0373, -3.2579,

-18.9285

0.0000, NaN, NaN

119.4931, -3.8797,
-18.9949

■ 28.8289, 0.0283,
-16.8474

■ 28.8289, 0.0283,
-16.8474

■ 26.3343, 1.2760,
-21.6419

■ 31.4426, -0.8962,
-12.3761

■ 23.9752, 2.9026,
-26.7953

■ 34.1590, -1.5472,
-8.1900

■ 21.7740, 4.9638,
-32.3230

■ 36.9664, -1.9672,
-4.2490

■ 19.7558, 7.5044,
-38.2038

■ 39.8549, -2.1918,
-0.5168

■ 17.9190, 10.4544,
-44.4613

■ 42.8161, -2.2503,
3.0385

■ 17.5396, 11.1016,
-45.8883

■ 45.8434, -2.1668,
6.4443

■ 48.9310, -1.9612,
9.7239

■ 52.0740, -1.6496,
12.8970

■ 55.2684, -1.2457,
15.9799

Harmonies

Analogous

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



28.8294, -7.4993, -14.9964



28.8289, 0.0283, -16.8474



28.8294, 7.9186, -12.7880

Triad

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



28.8294, 0.0282, -16.8468



28.8294, 11.8481, 8.8214



28.8294, -14.1446, 6.8808

Complementary

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



28.8289, 0.0283, -16.8474



35.3341, 0.6135, 14.3747

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.



28.8294, -9.9169, 11.0034



28.8289, 0.0283, -16.8474



28.8294, 4.9469, 11.8942

Square

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



28.8294, 0.0282, -16.8468



28.8294, 15.1993, 3.0066



28.8294, -3.0751, 12.5687



28.8294, -15.1603, 0.0539

Rectangle

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



28.8289, 0.0283, -16.8474



28.8294, 12.1551, -7.7869



28.8294, -3.0751, 12.5687



28.8294, -13.0761, 8.5645

Sweetspot

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



28.8294, 0.0282, -16.8468



50.8082, -2.7652, -3.9086



38.1456, -18.2013, 6.1601



24.0443, -1.2963, -2.2926



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



28.8294, 0.0282, -16.8468



35.0411, 1.8253, -29.3680



24.1546, 11.1690, -26.2310



19.4785, -1.0720, -0.4664



18.3336, 11.8340, -48.4616



38.5356, 30.8400, -114.7409

Inverse Universe

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



27.8010, 18.9456, 0.4376



33.9638, 31.4892, 1.0940



40.5028, -10.5356, 18.3099



19.2911, 0.8048, 0.7985



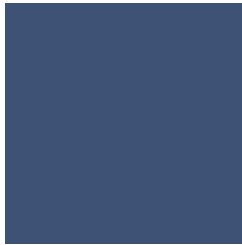
20.8885, 36.7127, 6.2071



45.9440, 80.4281, 16.1403

Previews

White Background



This preview shows how the HunterLab color 28.8289, 0.0283, -16.8474 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 28.8289, 0.0283, -16.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

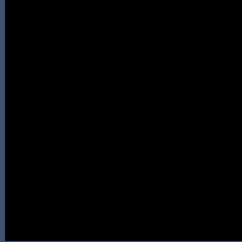
Any Text WCAG AA × Fail

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 28.8289, 0.0283, -16.8474 Background



This preview shows how black text looks on a background with the HunterLab color 28.8289, 0.0283, -16.8474.

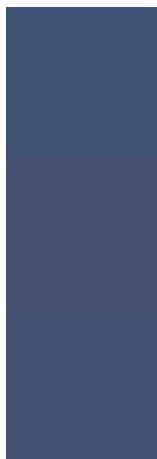


This preview shows how white text looks on a background with the HunterLab color 28.8289, 0.0283, -16.8474.

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

28.8289, 0.0283, -16.8474

Protanopia

28.7702, 2.3207, -15.6571

Deuteranopia

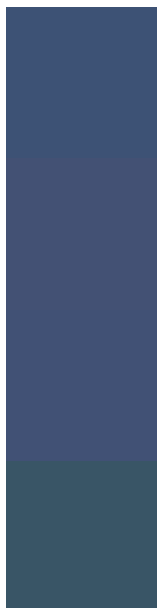
28.9180, 1.6636, -16.6572



Tritanopia

28.9672, -8.1411, -3.4896

Trichromacy



Original Color

28.8289, 0.0283, -16.8474

Protanomaly

28.8775, 1.4462, -16.1048

Deuteranomaly

28.7976, 1.2575, -16.8827

Tritanomaly

28.8551, -5.1270, -8.1383

Monochromacy



Original Color

28.8289, 0.0283, -16.8474

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.4458, -1.6762, -4.0862

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8289, 0.0283, -16.8474 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(61, 82, 117)` looks like.

```
.text, #text, p{  
    color:rgb(61, 82, 117)  
}
```

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(61, 82, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 82, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8289, 0.0283, -16.8474 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(61, 82, 117) }
```


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

```
.border{ border-color:rgb(61, 82, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 82, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 82, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 82, 117);  
box-shadow:4px 4px 4px 4px rgb(61, 82,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8289, 0.0283, -16.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 82, 117) }
```

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

```
.background{ background-color: rgb(61, 82,  
117) }
```

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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