

Converting Colors

HunterLab(28.7615, -2.4616,
-16.9033)

Have a look what the booklet for
HunterLab(28.7615, -2.4616,
-16.9033) contains.

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Color

**HunterLab(28.8597, -2.5919,
-16.8373)**

Conversions

Conversions Part 1

Format	Color
Hex	335475
RGB	51, 84, 117
RGB Percent	20%, 33%, 46%
CMY	0.8000, 0.6706, 0.5412
CMYK	0.56, 0.28, 0.00, 0.54
HSL	210°, 39%, 33%
HSV	210°, 56%, 46%
XYZ	7.7465, 8.3288, 18.0290
YIQ	77.8950, -30.2610, 3.2670

Conversions

Conversions Part 2

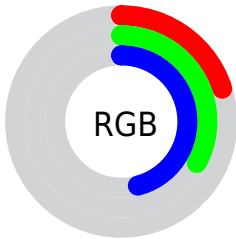
Format	Color
RYB	51, 73, 117
Decimal	3363957
CIELab	34.66, -1.57, -22.48
CIElCh	35, 22.537, 265.998
Yxy	8.3291, 0.2271, 0.2442
Android (android.graphics.Color)	4281554037 (0xFF335475)
YUV	77.8950, 19.2788, -23.5869
Hunter-Lab	28.8597, -2.5919, -16.8373

Details

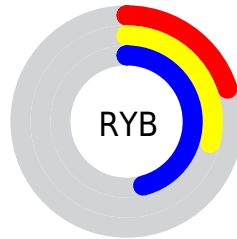
The HunterLab color **28.8597, -2.5919, -16.8373** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **32.1900, 5.2429, 14.1578**, and the grayscale version is **27.5052, -1.4676, 1.4944**.

A 20% lighter version of the original color is **47.3966, -3.7491, -17.8152**, and **13.7139, -0.5745, -15.9011** is the 20% darker color. If you saturate the color by 10%, you get **26.8178, -1.7082, -20.7129**, and if you desaturate by 10%, it is **31.0140, -3.1340, -13.1180**.

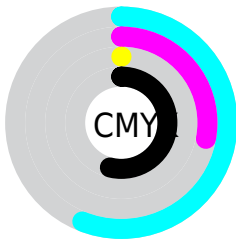
Distribution



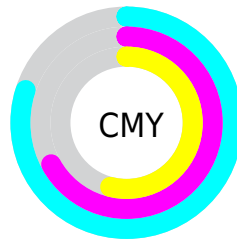
- Red (20%)
- Green (33%)
- Blue (46%)



- Red (20%)
- Yellow (29%)
- Blue (46%)



- Cyan (56%)
- Magenta (28%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8597, -2.5919, -16.8373 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 28.8597, -2.5919, -16.8373 by changing the saturation by 10% instead.

■ 28.8597, -2.5919,
-16.8373

■ 28.8597, -2.5919,
-16.8373

■ 133.5257, -8.8902,
-18.9957

■ 20.7515, -2.0477,
-16.3346

■ 47.5407, -3.7823,
-17.7317

■ 13.5879, -1.5391,
-15.8875

■ 57.9820, -4.4259,
-18.0903

■ 7.1819, -1.3378,
-17.0103

■ 69.0924, -5.1000,
-18.3860

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.8338, -5.8034,
-18.6202

0.0000, NaN, NaN

■ 93.1738, -6.5351,
-18.7955

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0848, -7.2940,

-18.9146

0.0000, NaN, NaN

119.5426, -8.0793,
-18.9805

■ 28.8597, -2.5919,
-16.8373

■ 28.8597, -2.5919,
-16.8373

■ 26.8178, -1.7082,
-20.7129

■ 31.0140, -3.1340,
-13.1180

■ 24.8987, -0.4444,
-24.7412

■ 33.2681, -3.3741,
-9.5532

■ 23.1150, 1.2307,
-28.9035

■ 35.6126, -3.3496,
-6.1336

■ 21.4628, 3.2838,
-33.2086

■ 38.0388, -3.0941,
-2.8470

■ 20.8832, 4.0490,
-34.8427

■ 40.5390, -2.6372,
0.3196

■ 43.1068, -2.0043,
3.3791

■ 45.7364, -1.2173,
6.3441

■ 48.4228, -0.2946,
9.2260

■ 51.1617, 0.7479,
12.0351

Harmonies

Analogous

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



28.8602, -9.5397, -13.1250



28.8597, -2.5919, -16.8373



28.8602, 5.4093, -14.6302

Triad

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



28.8602, -2.5919, -16.8367



28.8602, 13.3883, 7.2047



28.8602, -13.0653, 8.5282

Complementary

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



28.8597, -2.5919, -16.8373



32.1900, 5.2429, 14.1578

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.



28.8602, -7.8909, 11.7597



28.8597, -2.5919, -16.8373



28.8602, 7.4354, 11.1519

Square

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



28.8602, -2.5919, -16.8367



28.8602, 15.1928, 0.5463



28.8602, -0.4758, 12.5724



28.8602, -15.1615, 2.5594

Rectangle

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



28.8597, -2.5919, -16.8373



28.8602, 10.1936, -10.3508



28.8602, -0.4758, 12.5724



28.8602, -11.6572, 9.9011

Sweetspot

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



28.8602, -2.5919, -16.8367



50.5627, -4.1888, -4.2556



37.5056, -21.2447, 9.4790



24.0105, -2.0395, -2.3505



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.



28.8602, -2.5919, -16.8367



35.0075, -1.7785, -29.5009



20.8715, 12.7388, -34.7248



19.6577, -1.3682, -0.2476



21.8492, 4.3857, -36.7770



46.4220, 13.2244, -86.5713

Inverse Universe

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



26.0576, 23.7263, -2.6132



31.4718, 38.9700, -3.1095



40.9190, -9.2490, 20.5136



19.3095, 0.9036, 0.5372



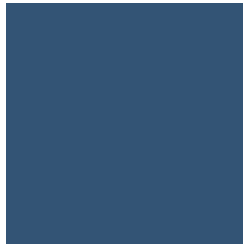
21.2271, 37.9494, 1.3344



46.6743, 83.1005, 5.5910

Previews

White Background



This preview shows how the HunterLab color 28.8597, -2.5919, -16.8373 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 28.8597, -2.5919, -16.8373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

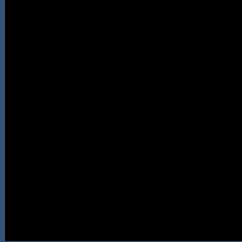
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

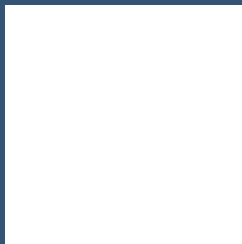
Any Text WCAG AAA × Fail

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

HunterLab 28.8597, -2.5919, -16.8373 Background



This preview shows how black text looks on a background with the HunterLab color 28.8597, -2.5919, -16.8373.



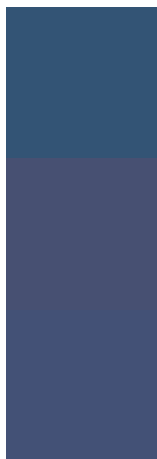
This preview shows how white text looks on a background with the HunterLab color 28.8597, -2.5919, -16.8373.

-16.8373.

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

28.8597, -2.5919, -16.8373

Protanopia

28.7955, 2.3260, -14.9941

Deuteranopia

28.9589, 1.8828, -17.2140



Tritanopia

28.8061, -10.0700, -4.7096

Trichromacy



Original Color

28.8597, -2.5919, -16.8373

Protanomaly

28.6577, 0.6208, -15.8872

Deuteranomaly

28.8699, 0.2505, -17.4056

Tritanomaly

28.9025, -7.7273, -8.6489

Monochromacy



Original Color

28.8597, -2.5919, -16.8373

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.8190, -2.5852, -4.4829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8597, -2.5919, -16.8373 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(51, 84, 117)` looks like.

```
.text, #text, p{  
    color:rgb(51, 84, 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(51, 84, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 84, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8597, -2.5919, -16.8373 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(51, 84, 117) }
```


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

```
.border{ border-color:rgb(51, 84, 117) }
```

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

Here you see how a box with a 4 pixel rgb(51, 84, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 84, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 84, 117);  
box-shadow:4px 4px 4px 4px rgb(51, 84,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8597, -2.5919, -16.8373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 84, 117) }
```

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

```
.background{ background-color: rgb(51, 84,  
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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