

Converting Colors

HunterLab(29.0273, 8.4002,
-28.4624)

Have a look what the booklet for
HunterLab(29.0273, 8.4002,
-28.4624) contains.

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Color

**HunterLab(28.9769, 8.5847,
-28.8946)**

Conversions

Conversions Part 1

Format	Color
Hex	474D87
RGB	71, 77, 135
RGB Percent	28%, 30%, 53%
CMY	0.7216, 0.6980, 0.4706
CMYK	0.47, 0.43, 0.00, 0.47
HSL	234°, 31%, 40%
HSV	234°, 47%, 53%
XYZ	9.6256, 8.3966, 24.0351
YIQ	81.8180, -22.1940, 16.7660

Conversions

Conversions Part 2

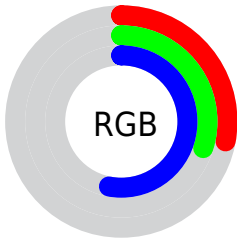
Format	Color
R_{YB}	71, 76, 135
Decimal	4672903
CIE _{Lab}	34.80, 14.11, -33.29
CIE _{LCh}	35, 36.160, 292.972
Yxy	8.3969, 0.2289, 0.1997
Android (android.graphics.Color)	4282862983 (0xFF474D87)
YUV	81.8180, 26.2187, -9.4874
Hunter-Lab	28.9769, 8.5847, -28.8946

Details

The HunterLab color $28.9769, 8.5847, -28.8946$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $46.1594, -7.3840, 20.6564$, and the grayscale version is $28.8958, -1.5418, 1.5700$.

A 20% lighter version of the original color is $47.7565, 9.1759, -30.1833$, and $13.6483, 7.6965, -28.7901$ is the 20% darker color. If you saturate the color by 10%, you get $25.2742, 12.0324, -37.9873$, and if you desaturate by 10%, it is $32.9264, 5.6255, -20.8874$.

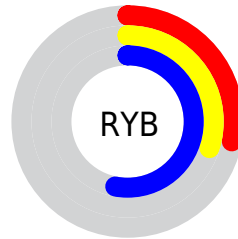
Distribution



Red (28%)

Green (30%)

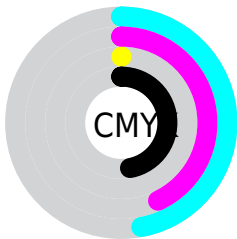
Blue (53%)



Red (28%)

Yellow (30%)

Blue (53%)

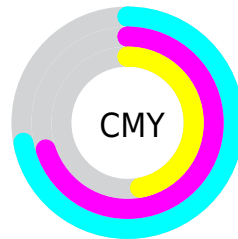


Cyan (47%)

Magenta (43%)

Yellow (0%)

Black (47%)



Cyan (72%)

Magenta (70%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9769, 8.5847, -28.8946 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 28.9769, 8.5847, -28.8946 by changing the saturation by 10% instead.

■ 28.9769, 8.5847,
-28.8946

■ 28.9769, 8.5847,
-28.8946

■ 133.7209, 9.0559,
-33.3328

■ 20.8565, 8.1077,
-28.4606

■ 47.6791, 9.2036,
-30.0845

■ 13.6791, 7.4864,
-28.4588

■ 58.1299, 9.3772,
-30.6842

■ 7.2867, 8.0507,
-31.5141

■ 69.2491, 9.4751,
-31.2487

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.9989, 9.5050,
-31.7677

0.0000, NaN, NaN

■ 93.3470, 9.4734,
-32.2365

0.0000, NaN, NaN

106.2656, 9.3852,

0.0000, NaN, NaN

-32.6534

0.0000, NaN, NaN

119.7307, 9.2449,
-33.0186

■ 28.9769, 8.5847,
-28.8946

■ 28.9769, 8.5847,
-28.8946

■ 25.2742, 12.0324,
-37.9873

■ 32.9264, 5.6255,
-20.8874

■ 21.8827, 16.0633,
-48.3401

■ 37.0744, 3.0545,
-13.7584

■ 18.8961, 20.7032,
-59.9154

■ 41.3881, 0.7869,
-7.3195

■ 16.4376, 25.7601,
-72.0987

■ 45.8430, -1.2441,
-1.4189

■ 14.6198, 30.5764,
-83.4146

■ 50.4209, -3.0898,
4.0612

■ 14.2420, 31.6361,
-86.0945

■ 55.1076, -4.7895,
9.2117

■ 59.8922, -6.3728,
14.1024

■ 64.7658, -7.8629,
18.7869

■ 69.7211, -9.2775,
23.3069

Harmonies

Analogous

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



28.9774, -4.4682, -32.1310



28.9769, 8.5847, -28.8946



28.9774, 20.5751, -16.1336

Triad

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



28.9774, 8.5848, -28.8938



28.9774, 14.6282, 14.6483



28.9774, -21.9768, 4.2716

Complementary

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



28.9769, 8.5847, -28.8946



46.1594, -7.3840, 20.6564

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.



28.9774, -18.5426, 12.3492



28.9769, 8.5847, -28.8946



28.9774, 1.4932, 16.4379

Square

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



28.9774, 8.5848, -28.8938



28.9774, 24.4617, 9.2417



28.9774, -10.4547, 15.8288



28.9774, -20.7370, -9.0016

Rectangle

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



28.9769, 8.5847, -28.8946



28.9774, 25.6142, -6.0616



28.9774, -10.4547, 15.8288



28.9774, -21.3538, 7.5754

Sweetspot

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



28.9774, 8.5848, -28.8938



57.2103, 0.1824, -7.2846



44.9913, -18.4348, 0.2143



26.9900, 0.3441, -4.2458



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



28.9774, 8.5848, -28.8938



33.4087, 16.5391, -51.9721



29.6238, 17.5372, -27.3155



21.4701, -0.4344, -1.1398



13.7136, 30.2326, -82.4042



1.0381, 1.0316, -3.5244

Inverse Universe

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



31.9274, 20.0768, 6.9861



38.7338, 34.0437, 11.2894



45.8909, -17.4615, 20.2697



21.6686, 0.7066, 1.5564



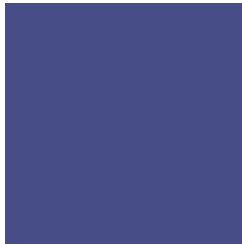
21.8559, 37.5524, 13.1647



1.3030, 2.2717, 0.5304

Previews

White Background



This preview shows how the HunterLab color 28.9769, 8.5847, -28.8946 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 28.9769, 8.5847, -28.8946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

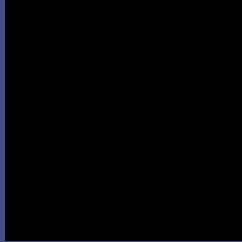
Any Text WCAG AA × Fail

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 28.9769, 8.5847, -28.8946 Background



This preview shows how black text looks on a background with the HunterLab color 28.9769, 8.5847, -28.8946.



This preview shows how white text looks on a background with the HunterLab color 28.9769, 8.5847, -28.8946.

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

28.9769, 8.5847, -28.8946

Protanopia

29.0554, 5.3253, -31.0684

Deuteranopia

28.9979, 2.1119, -28.2098



Tritanopia

28.9408, -6.8108, -3.5019

Trichromacy



Original Color

28.9769, 8.5847, -28.8946

Protanomaly

29.0211, 6.4019, -30.3567

Deuteranomaly

28.8590, 4.2924, -28.4792

Tritanomaly

28.8548, -1.9350, -11.4055

Monochromacy



Original Color

28.9769, 8.5847, -28.8946

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.8038, 1.3979, -7.5697

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9769, 8.5847, -28.8946 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(71, 77, 135)` looks like.

```
.text, #text, p{  
    color:rgb(71, 77, 135)  
}
```

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(71, 77, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 77, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9769, 8.5847, -28.8946 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(71, 77, 135) }
```


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

```
.border{ border-color:rgb(71, 77, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 77, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 77, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 77, 135);  
box-shadow:4px 4px 4px 4px rgb(71, 77,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.9769, 8.5847, -28.8946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 77, 135) }
```

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

```
.background{ background-color: rgb(71, 77,  
135) }
```

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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