

Converting Colors

HunterLab(28.2303, 14.6840,
-36.9266)

Have a look what the booklet for
HunterLab(28.2303, 14.6840,
-36.9266) contains.

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Color

**HunterLab(28.3305, 14.6357,
-36.6715)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4C478F |
| RGB | 76, 71, 143 |
| RGB Percent | 30%, 28%, 56% |
| CMY | 0.7019, 0.7216, 0.4392 |
| CMYK | 0.47, 0.50, 0.00, 0.44 |
| HSL | 244°, 34%, 42% |
| HSV | 244°, 50%, 56% |
| XYZ | 10.1917, 8.0262, 26.9987 |
| YIQ | 80.7030, -20.1320, 23.4520 |

Conversions

Conversions Part 2

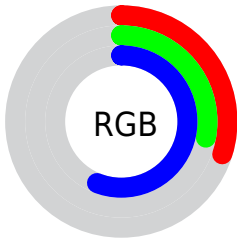
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 76, 71, 143 |
| Decimal | 4999055 |
| CIE _{Lab} | 34.04, 21.86, -39.38 |
| CIE _{LCh} | 34, 45.039, 299.041 |
| Yxy | 8.0264, 0.2254, 0.1775 |
| Android (android.graphics.Color) | 4283189135 (0xFF4C478F) |
| YUV | 80.7030, 30.7124, -4.1245 |
| Hunter-Lab | 28.3305, 14.6357, -36.6715 |

Details

The HunterLab color **28.3305, 14.6357, -36.6715** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **50.5007, -12.5910, 23.8989**, and the grayscale version is **28.4756, -1.5194, 1.5471**.

A 20% lighter version of the original color is **46.7889, 16.2725, -37.8208**, and **13.2765, 12.4795, -36.8178** is the 20% darker color. If you saturate the color by 10%, you get **24.3450, 19.2569, -47.9502**, and if you desaturate by 10%, it is **32.6603, 10.5049, -26.8664**.

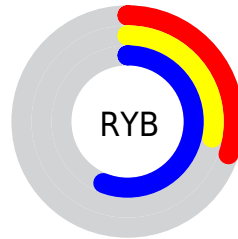
Distribution



Red (30%)

Green (28%)

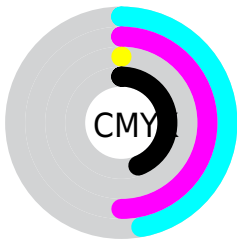
Blue (56%)



Red (30%)

Yellow (28%)

Blue (56%)

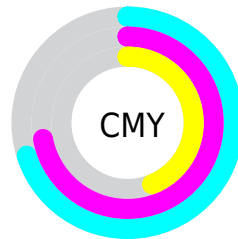


Cyan (47%)

Magenta (50%)

Yellow (0%)

Black (44%)



Cyan (70%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3305, 14.6357, -36.6715 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 28.3305, 14.6357, -36.6715 by changing the saturation by 10% instead.

| | |
|---------------------------------|---------------------------------|
| ■ 28.3305, 14.6357, -36.6715 | ■ 28.3305, 14.6357, -36.6715 |
| 132.6421, 18.2653, -41.8793 | ■ 20.2778, 13.7187, -36.5058 |
| ■ 46.9151, 16.0704, -37.7864 | ■ 13.1770, 12.6416, -37.1779 |
| ■ 57.3134, 16.6221, -38.4508 | ■ 6.6860, 14.0385, -44.0792 |
| ■ 68.3835, 17.0808, -39.1128 | 0.0000, NaN, -NF |
| | 0.0000, NaN, -NF |
| ■ 80.0866, 17.4562, -39.7498 | 0.0000, NaN, NaN |
| ■ 92.3903, 17.7563, -40.3498 | 0.0000, NaN, NaN |
| | 0.0000, NaN, NaN |
| 105.2666, 17.9877, | |

-40.9064

0.0000, NaN, NaN

118.6910, 18.1558,
-41.4167

■ 28.3305, 14.6357,
-36.6715

■ 28.3305, 14.6357,
-36.6715

■ 24.3450, 19.2569,
-47.9502

■ 32.6603, 10.5049,
-26.8664

■ 20.8097, 24.3629,
-60.7913

■ 37.2588, 6.7869,
-18.2754

■ 17.8747, 29.6956,
-74.6634

■ 42.0753, 3.3948,
-10.6331

■ 15.7209, 34.4898,
-87.7161

■ 47.0736, 0.2535,
-3.7199

■ 14.3084, 38.3634,
-98.1940

■ 52.2275, -2.6964,
2.6342

■ 57.5172, -5.5002,
8.5577

■ 62.9277, -8.1926,
14.1477

■ 68.4471, -10.7994,
19.4775

■ 74.0659, -13.3408,
24.6030

Harmonies

Analogous

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



28.3310, -2.0156, -44.6498



28.3305, 14.6357, -36.6715



28.3310, 29.2089, -17.5053

Triad

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



28.3310, 14.6359, -36.6706



28.3310, 15.7010, 16.7501



28.3310, -25.7721, 2.0175

Complementary

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



28.3305, 14.6357, -36.6715



50.5007, -12.5910, 23.8989

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.



28.3310, -22.9872, 12.6746



28.3305, 14.6357, -36.6715



28.3310, -1.0073, 17.8341

Square

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



28.3310, 14.6359, -36.6706



28.3310, 29.9118, 12.2210



28.3310, -14.6988, 16.8941



28.3310, -23.3255, -16.1844

Rectangle

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



28.3305, 14.6357, -36.6715



28.3310, 34.5246, -4.4619



28.3310, -14.6988, 16.8941



28.3310, -25.4294, 6.4652

Sweetspot

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



28.3310, 14.6359, -36.6706



59.6438, 2.3912, -9.4679



46.4300, -17.1497, -4.8749



27.9582, 1.5278, -5.3777



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



28.3310, 14.6359, -36.6706



32.1161, 26.3729, -65.6630



31.4984, 23.4674, -29.0954



22.9604, -0.0486, -1.4207



13.4688, 36.0843, -92.2145



1.4211, 3.6133, -8.2265

Inverse Universe

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



34.9017, 31.8423, -18.7820



43.1824, 51.9159, -30.5957



47.8922, -22.4546, 21.7376



23.4620, 1.6250, -0.5380



25.8138, 50.0184, -28.3686



2.5488, 4.9770, -3.0973

Previews

White Background



This preview shows how the HunterLab color 28.3305, 14.6357, -36.6715 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 28.3305, 14.6357, -36.6715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

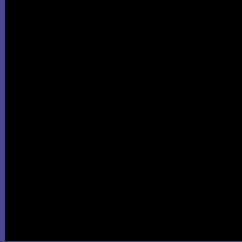
Any Text WCAG AA × Fail

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 28.3305, 14.6357, -36.6715 Background



This preview shows how black text looks on a background with the HunterLab color 28.3305, 14.6357, -36.6715.



This preview shows how white text looks on a background with the HunterLab color 28.3305, 14.6357, -36.6715.

-36.6715.

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

28.3305, 14.6357, -36.6715

Protanopia

28.5360, 7.5119, -42.2358

Deuteranopia

28.3810, 2.0890, -35.1183



Tritanopia

28.4094, -6.1099, -2.7884

Trichromacy



Original Color

28.3305, 14.6357, -36.6715

Protanomaly

28.1478, 9.7419, -40.6289

Deuteranomaly

27.9618, 6.0851, -36.9268

Tritanomaly

28.0256, 0.6543, -13.3273

Monochromacy



Original Color

28.3305, 14.6357, -36.6715

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.2303, 3.5648, -10.0483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3305, 14.6357, -36.6715 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(76, 71, 143)` looks like.

```
.text, #text, p{  
    color:rgb(76, 71, 143)  
}
```

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(76, 71, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 71, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3305, 14.6357, -36.6715 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(76, 71, 143) }
```


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

```
.border{ border-color:rgb(76, 71, 143) }
```

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

Here you see how a box with a 4 pixel rgb(76, 71, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 71, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 71, 143);  
box-shadow:4px 4px 4px 4px rgb(76, 71,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3305, 14.6357, -36.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 71, 143) }
```

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

```
.background{ background-color: rgb(76, 71,  
143) }
```

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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