

Converting Colors

HunterLab(28.2486, 7.7854,
-29.8459)

Have a look what the booklet for
HunterLab(28.2486, 7.7854,
-29.8459) contains.

HunterLab(28.3089, 7.6340, -29.6601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.3089, 7.6340,
-29.6601)**

Conversions

Conversions Part 1

Format	Color
Hex	414C86
RGB	65, 76, 134
RGB Percent	25%, 30%, 53%
CMY	0.7451, 0.7020, 0.4745
CMYK	0.51, 0.43, 0.00, 0.47
HSL	230°, 35%, 39%
HSV	230°, 51%, 53%
XYZ	9.0675, 8.0139, 23.6232
YIQ	79.3230, -25.1740, 15.7060

Conversions

Conversions Part 2

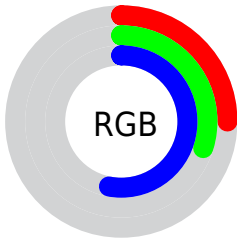
Format	Color
RYB	65, 74, 134
Decimal	4279430
CIELab	34.01, 12.90, -33.95
CIELCh	34, 36.316, 290.801
Yxy	8.0142, 0.2228, 0.1969
Android (android.graphics.Color)	4282469510 (0xFF414C86)
YUV	79.3230, 26.9558, -12.5613
Hunter-Lab	28.3089, 7.6340, -29.6601

Details

The HunterLab color $28.3089, 7.6340, -29.6601$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $44.2907, -5.4927, 20.5002$, and the grayscale version is $27.9915, -1.4936, 1.5208$.

A 20% lighter version of the original color is $46.9893, 7.9766, -30.9372$, and $13.2668, 6.4733, -29.1960$ is the 20% darker color. If you saturate the color by 10%, you get $24.8823, 10.7914, -38.2219$, and if you desaturate by 10%, it is $31.9648, 4.9741, -22.0516$.

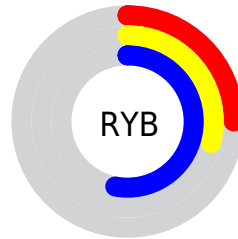
Distribution



Red (25%)

Green (30%)

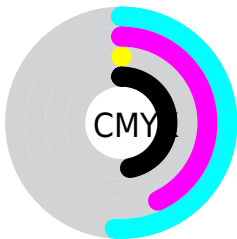
Blue (53%)



Red (25%)

Yellow (29%)

Blue (53%)

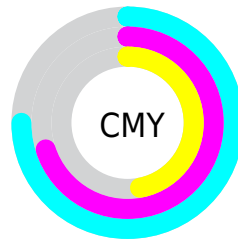


Cyan (51%)

Magenta (43%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (70%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3089, 7.6340, -29.6601 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 28.3089, 7.6340, -29.6601 by changing the saturation by 10% instead.

■ 28.3089, 7.6340,
-29.6601

■ 28.3089, 7.6340,
-29.6601

■ 132.6060, 7.6510,
-34.2170

■ 20.2584, 7.2193,
-29.2654

■ 46.8896, 8.1369,
-30.8443

■ 13.1603, 6.6627,
-29.3758

■ 57.2861, 8.2564,
-31.4554

■ 6.6649, 8.0759,
-34.1719

■ 68.3545, 8.3024,
-32.0354

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.0561, 8.2825,
-32.5722

0.0000, NaN, NaN

■ 92.3583, 8.2029,
-33.0601

0.0000, NaN, NaN

105.2332, 8.0685,

0.0000, NaN, NaN

-33.4969

0.0000, NaN, NaN

118.6562, 7.8834,
-33.8824

■ 28.3089, 7.6340,
-29.6601

■ 28.3089, 7.6340,
-29.6601

■ 24.8823, 10.7914,
-38.2219

■ 31.9648, 4.9741,
-22.0516

■ 21.7410, 14.5378,
-47.8571

■ 35.8067, 2.7154,
-15.2350

■ 18.9636, 18.9091,
-58.5003

■ 39.8048, 0.7753,
-9.0542

■ 16.6501, 23.7695,
-69.6392

■ 43.9363, -0.9121,
-3.3788

■ 15.0694, 27.8550,
-78.9663

■ 48.1840, -2.3984,
1.8958

■ 52.5348, -3.7233,
6.8519

■ 56.9780, -4.9175,
11.5539

■ 61.5053, -6.0049,
16.0520

■ 66.1096, -7.0044,
20.3860

Harmonies

Analogous

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



28.3094, -5.2891, -32.0433



28.3089, 7.6340, -29.6601



28.3094, 19.8620, -17.2825

Triad

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



28.3094, 7.6342, -29.6593



28.3094, 15.5210, 14.2305



28.3094, -21.7099, 4.9895

Complementary

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



28.3089, 7.6340, -29.6601



44.2907, -5.4927, 20.5002

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.



28.3094, -17.9743, 12.5950



28.3089, 7.6340, -29.6601



28.3094, 2.4740, 16.1718

Square

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



28.3094, 7.6342, -29.6593



28.3094, 24.9411, 8.5758



28.3094, -9.6268, 15.7437



28.3094, -20.8178, -7.9468

Rectangle

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



28.3089, 7.6340, -29.6601



28.3094, 25.2524, -7.1529



28.3094, -9.6268, 15.7437



28.3094, -20.9823, 8.1314

Sweetspot

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



28.3094, 7.6342, -29.6593



56.1942, -0.3856, -7.3077



44.2627, -19.9958, 2.0424



26.2073, 0.0059, -4.1051



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



28.3094, 7.6342, -29.6593



32.2149, 15.1933, -53.0200



27.5264, 18.0913, -31.3023



21.5771, -0.6153, -1.0058



14.6270, 26.8269, -76.1941



1.2005, 0.6324, -2.8657

Inverse Universe

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



30.6124, 22.3864, 6.0119



36.6588, 37.2560, 9.9962



45.6198, -17.0927, 21.3112



21.6793, 0.7644, 1.4032



21.9156, 37.7736, 12.2816



1.3170, 2.3231, 0.3268

Previews

White Background



This preview shows how the HunterLab color 28.3089, 7.6340, -29.6601 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 28.3089, 7.6340, -29.6601 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 28.3089, 7.6340, -29.6601 Background



This preview shows how black text looks on a background with the HunterLab color 28.3089, 7.6340, -29.6601.



This preview shows how white text looks on a background with the HunterLab color 28.3089, 7.6340, -29.6601.

-29.6601.

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

28.3089, 7.6340, -29.6601

Protanopia

28.3524, 5.4327, -31.1433

Deuteranopia

28.2245, 2.0931, -29.1857



Tritanopia

28.2374, -8.0387, -4.0009

Trichromacy



Original Color

28.3089, 7.6340, -29.6601

Protanomaly

28.2610, 6.3190, -30.5635

Deuteranomaly

28.3116, 3.7039, -28.9604

Tritanomaly

28.1725, -3.0364, -11.9674

Monochromacy



Original Color

28.3089, 7.6340, -29.6601

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.9383, 0.9464, -7.8190

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3089, 7.6340, -29.6601 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(65, 76, 134)` looks like.

```
.text, #text, p{  
    color:rgb(65, 76, 134)  
}
```

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(65, 76, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 76, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3089, 7.6340, -29.6601 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(65, 76, 134) }
```


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

```
.border{ border-color:rgb(65, 76, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 76, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 76, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 76, 134);  
box-shadow:4px 4px 4px 4px rgb(65, 76,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3089, 7.6340, -29.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 76, 134) }
```

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

```
.background{ background-color: rgb(65, 76,  
134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor