

Converting Colors

HunterLab(9.3636, 56.0955,
-32.9970)

Have a look what the booklet for
HunterLab(9.3636, 56.0955,
-32.9970) contains.

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Color

**HunterLab(14.6400, 28.3572,
-16.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0049
RGB	79, 0, 73
RGB Percent	31%, 0%, 29%
CMY	0.6902, 1.0000, 0.7137
CMYK	0.00, 1.00, 0.08, 0.69
HSL	305°, 100%, 15%
HSV	305°, 100%, 31%
XYZ	4.4270, 2.1433, 6.4837
YIQ	31.9430, 23.6510, 39.4510

Conversions

Conversions Part 2

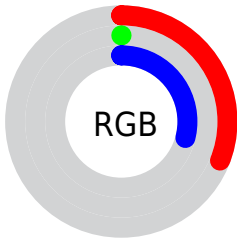
Format	Color
RYB	79, 0, 73
Decimal	5177417
CIELab	16.22, 41.01, -22.54
CIElCh	16, 46.798, 331.201
Yxy	2.1434, 0.3391, 0.1642
Android (android.graphics.Color)	4283367497 (0xFF4F0049)
YUV	31.9430, 20.2411, 41.2690
Hunter-Lab	14.6400, 28.3572, -16.0100

Details

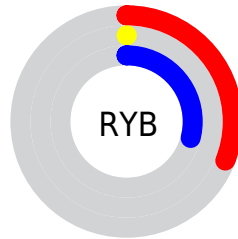
The HunterLab color **14.6400, 28.3572, -16.0100** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.6753, -20.1029, 13.8049**, and the grayscale version is **11.9344, -0.6368, 0.6484**.

A 20% lighter version of the original color is **30.2600, 31.6115, -16.8768**, and **6.1645, 11.9959, -7.1713** is the 20% darker color. If you saturate the color by 10%, you get **14.6401, 28.3572, -16.0097**, and if you desaturate by 10%, it is **15.2410, 26.4162, -15.0748**.

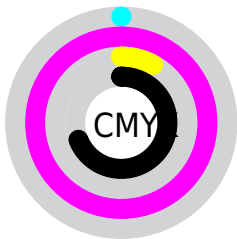
Distribution



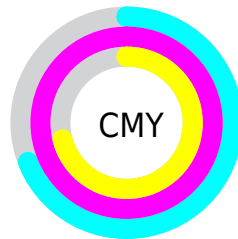
- Red (31%)
- Green (0%)
- Blue (29%)



- Red (31%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.6400, 28.3572, -16.0100 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 14.6400, 28.3572, -16.0100 by changing the saturation by 10% instead.

■ 14.6400, 28.3572,
-16.0100

■ 14.6400, 28.3572,
-16.0100

■ 108.1533, 40.4969,
-19.0041

■ 8.2998, 27.3377,
-16.1056

■ 30.2064, 31.8099,
-16.9769

0.0000, INF, -NF

0.0000, NaN, NaN

■ 39.2857, 33.3897,
-17.4453

0.0000, NaN, NaN

■ 49.1272, 34.8460,
-17.8582

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.6759, 36.1830,
-18.2088

0.0000, NaN, NaN


■ 70.8873, 37.4086,
-18.4966


0.0000, NaN, NaN


■ 82.7242, 38.5309,


0.0000, NaN, NaN


-18.7233

 95.1553, 39.5580,
-18.8916


 14.6400, 28.3572,
-16.0100


 14.6400, 28.3572,
-16.0100


 14.6401, 28.3572,
-16.0097

 15.2410, 26.4162,
-15.0748

 15.8877, 24.4360,
-14.0912

 16.7591, 21.8836,
-12.7130

 17.8538, 18.8864,
-11.0129

 19.1532, 15.6072,
-9.0908

■ 20.6348, 12.1819,
-7.0337

■ 22.2762, 8.7087,
-4.9075

■ 24.0565, 5.2508,
-2.7566

■ 25.9573, 1.8443,
-0.6089

Harmonies

Analogous

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



14.6404, 14.6275, -37.8872



14.6400, 28.3572, -16.0100



14.6404, 33.7257, 1.2889

Triad

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



14.6404, 28.3563, -16.0093



14.6404, -1.3047, 10.2482



14.6404, -16.7225, -17.7610

Complementary

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



14.6400, 28.3572, -16.0100



23.6753, -20.1029, 13.8049

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.



14.6404, -18.7343, 0.2872



14.6400, 28.3572, -16.0100



14.6404, -11.6506, 10.2482

Square

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



14.6404, 28.3563, -16.0093



14.6404, 13.3826, 10.2482



14.6404, -17.0146, 8.7120



14.6404, -11.0201, -39.3848

Rectangle

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



14.6400, 28.3572, -16.0100



14.6404, 30.7495, 7.1209



14.6404, -17.0146, 8.7120



14.6404, -17.7946, -10.7393

Sweetspot

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



14.6404, 28.3563, -16.0093



28.8030, 11.8328, -6.6936



7.7370, 20.5433, -51.5593



14.1370, 6.4022, -3.6462



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



14.6404, 28.3563, -16.0093



19.0722, 36.9227, -20.7067



13.3387, 23.7175, 1.8282



13.1340, 0.6908, -0.1572



46.3652, 89.6611, -49.5684

Inverse Universe

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



14.6404, 28.3563, -16.0093



19.0722, 36.9227, -20.7067



24.0411, -17.8279, 8.4367



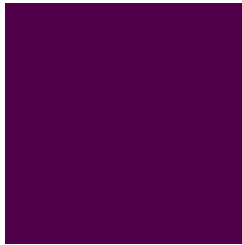
13.1340, 0.6908, -0.1572



46.3652, 89.6611, -49.5684

Previews

White Background



This preview shows how the HunterLab color 14.6400, 28.3572, -16.0100 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

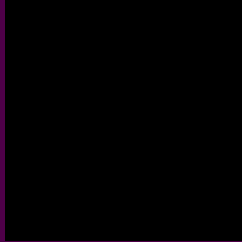
Any Text WCAG AA × Fail

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 14.6400, 28.3572, -16.0100 Background



This preview shows how black text looks on a background with the HunterLab color 14.6400, 28.3572, -16.0100.



This preview shows how white text looks on a background with the HunterLab color 14.6400, 28.3572, -16.0100.

-16.0100.

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

14.6400, 28.3572, -16.0100

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.9315, 0.9208, -11.1203



Tritanopia

15.7109, 13.1275, 5.2754

Trichromacy



Original Color

14.6400, 28.3572, -16.0100

Protanomaly

12.9814, 11.6430, -30.1053

Deuteranomaly

13.8769, 11.5698, -16.0034

Tritanomaly

14.7186, 18.9923, -1.0100

Monochromacy



Original Color

14.6400, 28.3572, -16.0100

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.6555, 10.6894, -6.3110

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.6400, 28.3572, -16.0100 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(79, 0, 73)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 73)  
}
```

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(79, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 14.6400, 28.3572, -16.0100 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(79, 0, 73) }
```

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

```
.border{ border-color:rgb(79, 0, 73) }
```

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

Here you see how a box with a 4 pixel rgb(79, 0, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 73); box-shadow:4px  
4px 4px 4px rgb(79, 0, 73) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.6400, 28.3572, -16.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 73) }
```

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

```
.background{ background-color: rgb(79, 0,  
73) }
```

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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