

Converting Colors

HunterLab(40.3016, 69.6028,
17.0869)

Have a look what the booklet for
HunterLab(40.3016, 69.6028,
17.0869) contains.

HunterLab(40.3022, 69.6259, 17.0336)	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(40.3022, 69.6259,
17.0336)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0448
RGB	223, 4, 72
RGB Percent	87%, 2%, 28%
CMY	0.1255, 0.9841, 0.7176
CMYK	0.00, 0.98, 0.68, 0.13
HSL	341°, 96%, 45%
HSV	341°, 98%, 87%
XYZ	31.6445, 16.2427, 7.5982
YIQ	77.2330, 108.6960, 67.5760

Conversions

Conversions Part 2

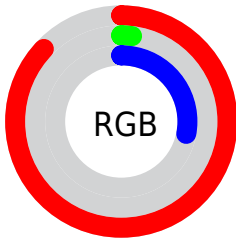
Format	Color
RYB	223, 4, 72
Decimal	14615624
CIELab	47.29, 73.73, 26.78
CIELCh	47, 78.445, 19.964
Yxy	16.2437, 0.5703, 0.2927
Android (android.graphics.Color)	4292805704 (0xFFDF0448)
YUV	77.2330, -2.5799, 127.8377
Hunter-Lab	40.3022, 69.6259, 17.0336

Details

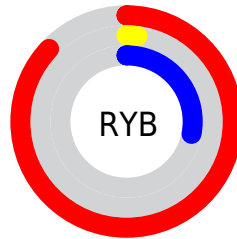
The HunterLab color **40.3022, 69.6259, 17.0336** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **74.2761, -52.2185, 20.0831**, and the grayscale version is **27.3176, -1.4576, 1.4842**.

A 20% lighter version of the original color is **55.0185, 60.9307, 15.8200**, and **27.3215, 47.1321, 14.9950** is the 20% darker color. If you saturate the color by 10%, you get **40.1498, 69.8344, 17.5988**, and if you desaturate by 10%, it is **41.3964, 67.8861, 13.6657**.

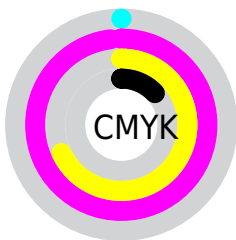
Distribution



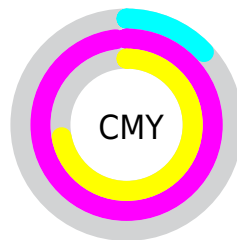
- Red (87%)
- Green (2%)
- Blue (28%)



- Red (87%)
- Yellow (2%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (68%)
- Black (13%)






- Cyan (13%)
- Magenta (98%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3022, 69.6259, 17.0336 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 40.3022, 69.6259, 17.0336 by changing the saturation by 10% instead.

 40.3022, 69.6259, 17.0336	 40.3022, 69.6259, 17.0336
151.9129, 88.1521, 35.1649	 31.1396, 67.2852, 14.6482
 60.8447, 74.3050, 21.4454	 22.7999, 65.1369, 12.0803
 72.1247, 76.5524, 23.5274	 15.3757, 63.5852, 9.9459
 84.0266, 78.7129, 25.5519	 8.9852, 64.0317, 6.2896
 96.5195, 80.7814, 27.5316	0.0000, INF, NaN
	0.0000, INF, NaN
 109.5768, 82.7574, 29.4761	0.0000, NaN, NaN
 123.1748, 84.6426,	0.0000, NaN, NaN

31.3927

0.0000, NaN, NaN

137.2931, 86.4397,
33.2874

■ 40.3022, 69.6259,
17.0336

■ 40.3022, 69.6259,
17.0336

■ 40.1498, 69.8344,
17.5988

■ 41.3964, 67.8861,
13.6657

■ 43.3934, 63.7204,
10.4081

■ 46.3675, 57.2899,
7.6030

■ 50.2678, 49.2311,
5.4419

■ 54.9927, 40.2247,
3.9814

■ 60.4255, 30.8039,
3.1828

■ 66.4553, 21.3114,
2.9623

■ 72.9865, 11.9348,
3.2252

■ 79.9407, 2.7585,
3.8846

Harmonies

Analogous

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



40.3035, 73.9277, -8.8601



40.3022, 69.6259, 17.0336



40.3035, 43.2412, 25.8476

Triad

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



40.3035, 69.6210, 17.0345



40.3035, -38.1013, 24.1701



40.3035, -11.9250, -101.3974

Complementary

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



40.3022, 69.6259, 17.0336



74.2761, -52.2185, 20.0831

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.



40.3035, -33.5102, -68.7503



40.3022, 69.6259, 17.0336



40.3035, -45.3417, 10.7981

Square

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



40.3035, 69.6210, 17.0345



40.3035, -20.3797, 27.4094



40.3035, -43.9594, -22.0513



40.3035, 20.0288, -94.2037

Rectangle

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



40.3022, 69.6259, 17.0336



40.3035, 20.1121, 27.4060



40.3035, -43.9594, -22.0513



40.3035, -20.4358, -94.1366

Sweetspot

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



40.3035, 69.6210, 17.0345



76.6079, 25.9477, 3.4470



35.0041, 74.5196, -95.3728



34.0233, 14.2005, 1.6231

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3035, 69.6210, 17.0345



46.7189, 81.2200, 20.7890



41.8478, 60.5362, 26.6814



37.1083, 1.8341, 1.7756



30.8161, 53.6564, 13.0691



8.2096, 14.4805, 2.0385

Inverse Universe

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



40.3035, 69.6210, 17.0345



46.7189, 81.2200, 20.7890



62.5800, -23.1622, -27.9853



37.1083, 1.8341, 1.7756



30.8161, 53.6564, 13.0691



8.2096, 14.4805, 2.0385

Previews

White Background



This preview shows how the HunterLab color 40.3022, 69.6259, 17.0336 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 × Fail

Black Background



This preview shows how the HunterLab color 40.3022, 69.6259, 17.0336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3022, 69.6259, 17.0336 Background



This preview shows how black text looks on a background with the HunterLab color 40.3022, 69.6259, 17.0336.



This preview shows how white text looks on a background with the HunterLab color 40.3022, 69.6259, 17.0336.

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

40.3022, 69.6259, 17.0336

Protanopia

40.8686, -1.7342, 5.3708

Deuteranopia

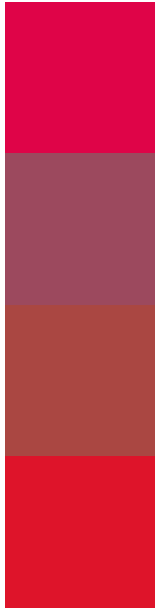
40.9561, 2.3555, 18.6807



Tritanopia

40.5937, 64.1276, 24.7930

Trichromacy



Original Color

40.3022, 69.6259, 17.0336

Protanomaly

35.5544, 28.7168, 4.7520

Deuteranomaly

36.6686, 32.2838, 14.8262

Tritanomaly

40.2456, 66.1422, 22.7300

Monochromacy



Original Color

40.3022, 69.6259, 17.0336

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.4500, 27.5016, 3.0182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3022, 69.6259, 17.0336 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(223, 4, 72)` looks like.

```
.text, #text, p{  
  color:rgb(223, 4, 72)  
}
```

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(223, 4, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 4, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3022, 69.6259, 17.0336 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(223, 4, 72) }
```


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

```
.border{ border-color:rgb(223, 4, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 4, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 4, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 4, 72);  
box-shadow:4px 4px 4px 4px rgb(223, 4, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.3022, 69.6259, 17.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 4, 72) }
```

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

```
.background{ background-color: rgb(223, 4,  
72) }
```

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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