

Converting Colors

HunterLab(16.4045, 5.0198,
-29.8004)

Have a look what the booklet for
HunterLab(16.4045, 5.0198,
-29.8004) contains.

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Color

**HunterLab(16.4045, 5.0198,
-29.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	072C60
RGB	7, 44, 96
RGB Percent	3%, 17%, 38%
CMY	0.9725, 0.8275, 0.6235
CMYK	0.93, 0.54, 0.00, 0.62
HSL	215°, 86%, 20%
HSV	215°, 93%, 38%
XYZ	3.0996, 2.6911, 11.4224
YIQ	38.8650, -38.7440, 8.3280

Conversions

Conversions Part 2

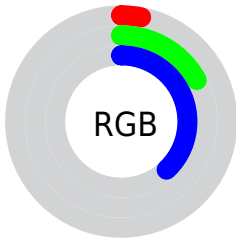
Format	Color
R_{YB}	7, 33, 96
Decimal	470112
CIE Lab	18.76, 9.91, -34.39
CIE LCh	19, 35.791, 286.077
Yxy	2.6911, 0.1801, 0.1563
Android (android.graphics.Color)	4278660192 (0xFF072C60)
YUV	38.8650, 28.1676, -27.9456
Hunter-Lab	16.4045, 5.0198, -29.8004

Details

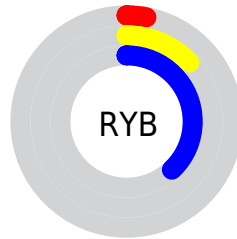
The HunterLab color **16.4045, 5.0198, -29.8004** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **23.7299, 6.8159, 14.2387**, and the grayscale version is **14.1223, -0.7535, 0.7673**.

A 20% lighter version of the original color is **32.4292, 5.4093, -30.3902**, and **4.7090, 12.7733, -33.4598** is the 20% darker color. If you saturate the color by 10%, you get **15.3483, 6.4827, -33.1783**, and if you desaturate by 10%, it is **17.9112, 3.1328, -25.5406**.

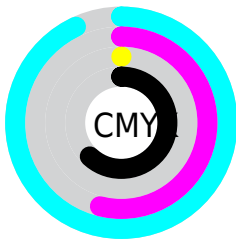
Distribution



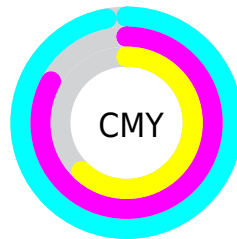
- Red (3%)
- Green (17%)
- Blue (38%)



- Red (3%)
- Yellow (13%)
- Blue (38%)



- Cyan (93%)
- Magenta (54%)
- Yellow (0%)
- Black (62%)



- Cyan (97%)
- Magenta (83%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4045, 5.0198, -29.8004 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 16.4045, 5.0198, -29.8004 by changing the saturation by 10% instead.

■ 16.4045, 5.0198,
-29.8004

■ 16.4045, 5.0198,
-29.8004

■ 111.5414, 4.7000,
-34.2826

■ 9.8626, 4.5810,
-30.5729

■ 32.4363, 5.4950,
-30.4631

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.7150, 5.5815,
-31.0642

0.0000, NaN, NaN

■ 51.7409, 5.5880,
-31.6872

0.0000, NaN, NaN

■ 62.4618, 5.5245,
-32.2927

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.8353, 5.3986,
-32.8618

0.0000, NaN, NaN

■ 85.8259, 5.2161,

0.0000, NaN, NaN

-33.3854

■ 98.4033, 4.9820,
-33.8595

■ 16.4045, 5.0198,
-29.8004

■ 16.4045, 5.0198,
-29.8004

■ 15.3483, 6.4827,
-33.1783

■ 17.9112, 3.1328,
-25.5406

■ 19.5453, 1.5897,
-21.4982

■ 21.2966, 0.3803,
-17.6796

■ 23.1509, -0.5318,
-14.0853

■ 25.0958, -1.1851,
-10.7018

■ 27.1207, -1.6154,
-7.5095

■ 29.2168, -1.8545,
-4.4865

■ 31.3765, -1.9298,
-1.6112

■ 33.5936, -1.8642,
1.1363

Harmonies

Analogous

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



16.4047, -5.4048, -30.2588



16.4045, 5.0198, -29.8004



16.4047, 16.1027, -18.4734

Triad

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



16.4047, 5.0204, -29.8000



16.4047, 15.3785, 9.8235



16.4047, -16.0934, 4.8337

Complementary

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



16.4045, 5.0198, -29.8004



23.7299, 6.8159, 14.2387

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.



16.4047, -12.9119, 9.5831



16.4045, 5.0198, -29.8004



16.4047, 4.2041, 11.4833

Square

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



16.4047, 5.0204, -29.8000



16.4047, 23.0238, 5.3260



16.4047, -6.0421, 11.4833



16.4047, -15.9786, -5.2778

Rectangle

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



16.4045, 5.0198, -29.8004



16.4047, 21.6255, -8.8143



16.4047, -6.0421, 11.4833



16.4047, -15.4164, 6.8739

Sweetspot

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



16.4047, 5.0204, -29.8000



36.9516, -2.2876, -8.3750



29.5398, -21.1306, 9.5492



17.9895, -1.0815, -4.7976



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



16.4047, 5.0204, -29.8000



19.8239, 9.6428, -45.5941



10.4570, 22.2444, -55.9125



16.3348, -0.9737, -0.2789



17.8285, 8.2267, -40.0431



39.1385, 23.6618, -99.9987

Inverse Universe

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



16.7953, 27.5169, 2.4189



21.4560, 37.8969, 4.9271



32.3798, -10.9018, 19.3929



16.1422, 0.6340, 0.6081



19.1317, 33.8211, 4.1647



44.0294, 77.4754, 12.3756

Previews

White Background



This preview shows how the HunterLab color 16.4045, 5.0198, -29.8004 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 16.4045, 5.0198, -29.8004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

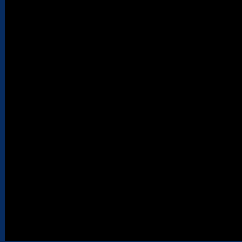
Any Text WCAG AA × Fail

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 16.4045, 5.0198, -29.8004 Background



This preview shows how black text looks on a background with the HunterLab color 16.4045, 5.0198, -29.8004.



This preview shows how white text looks on a background with the HunterLab color 16.4045, 5.0198, -29.8004.

-29.8004.

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

16.4045, 5.0198, -29.8004

Protanopia

16.2098, 4.2965, -29.5359

Deuteranopia

16.2549, -0.5591, -19.1103



Tritanopia

16.2588, -7.8853, -3.3000

Trichromacy



Original Color

16.4045, 5.0198, -29.8004

Protanomaly

16.2694, 4.4846, -29.3508

Deuteranomaly

16.3140, 1.3739, -22.6932

Tritanomaly

16.0482, -3.6145, -11.5816

Monochromacy



Original Color

16.4045, 5.0198, -29.8004

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.6463, -0.5183, -8.2897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4045, 5.0198, -29.8004 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(7, 44, 96)` looks like.

```
.text, #text, p{  
    color:rgb(7, 44, 96)  
}
```

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(7, 44, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 44, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4045, 5.0198, -29.8004 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(7, 44, 96) }
```


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

```
.border{ border-color:rgb(7, 44, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 44, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 44, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 44, 96); box-shadow:4px  
4px 4px 4px rgb(7, 44, 96) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4045, 5.0198, -29.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 44, 96) }
```

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

```
.background{ background-color: rgb(7, 44,  
96) }
```

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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