

Converting Colors

HunterLab(15.4716, 3.1143,
-32.8112)

Have a look what the booklet for
HunterLab(15.4716, 3.1143,
-32.8112) contains.

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Color

**HunterLab(16.0383, 5.0456,
-30.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	002B60
RGB	0, 43, 96
RGB Percent	0%, 17%, 38%
CMY	1.0000, 0.8314, 0.6235
CMYK	1.00, 0.55, 0.00, 0.62
HSL	213°, 100%, 19%
HSV	213°, 100%, 38%
XYZ	2.9752, 2.5723, 11.4060
YIQ	36.1850, -42.6410, 7.3670

Conversions

Conversions Part 2

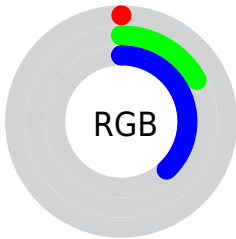
Format	Color
RYB	0, 30, 96
Decimal	11104
CIELab	18.24, 9.98, -35.24
CIELCh	18, 36.628, 285.815
Yxy	2.5723, 0.1755, 0.1517
Android (android.graphics.Color)	4278201184 (0xFF002B60)
YUV	36.1850, 29.4888, -31.7342
Hunter-Lab	16.0383, 5.0456, -30.9386

Details

The HunterLab color **16.0383, 5.0456, -30.9386** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.4362, 9.2473, 13.9863**, and the grayscale version is **13.2608, -0.7076, 0.7205**.

A 20% lighter version of the original color is **32.0067, 5.3513, -31.3179**, and **5.1494, 10.9579, -30.0913** is the 20% darker color. If you saturate the color by 10%, you get **16.0373, 5.0478, -30.9420**, and if you desaturate by 10%, it is **17.4502, 3.2272, -26.7906**.

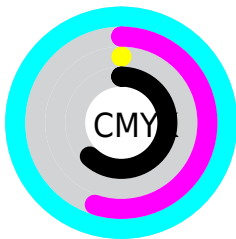
Distribution



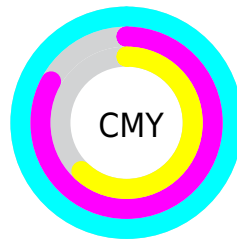
- Red (0%)
- Green (17%)
- Blue (38%)



- Red (0%)
- Yellow (12%)
- Blue (38%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (83%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0383, 5.0456, -30.9386 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 16.0383, 5.0456, -30.9386 by changing the saturation by 10% instead.

■ 16.0383, 5.0456,
-30.9386

■ 16.0383, 5.0456,
-30.9386

■ 110.8457, 4.7934,
-35.4132

■ 9.5539, 4.5931,
-31.9314

■ 31.9760, 5.5418,
-31.4938

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.2143, 5.6368,
-32.0901

0.0000, NaN, NaN

■ 51.2027, 5.6509,
-32.7205

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8886, 5.5944,
-33.3402

0.0000, NaN, NaN

■ 73.2292, 5.4749,
-33.9273

0.0000, NaN, NaN

■ 85.1885, 5.2985,

0.0000, NaN, NaN

-34.4714

97.7362, 5.0700,
-34.9673

16.0383, 5.0456,
-30.9386

16.0383, 5.0456,
-30.9386

16.0373, 5.0478,
-30.9420

17.4502, 3.2272,
-26.7906

18.9379, 1.5886,
-22.9490

20.5445, 0.2913,
-19.2723

22.2576, -0.6919,
-15.7758

24.0654, -1.3949,
-12.4597

■ 25.9573, -1.8527,
-9.3147

■ 27.9243, -2.0977,
-6.3264

■ 29.9585, -2.1586,
-3.4786

■ 32.0533, -2.0605,
-0.7548

Harmonies

Analogous

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



16.0385, -5.5251, -31.3012



16.0383, 5.0456, -30.9386



16.0385, 16.4088, -19.2031

Triad

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



16.0385, 5.0462, -30.9382



16.0385, 15.8455, 9.8864



16.0385, -16.1506, 4.9138

Complementary

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



16.0383, 5.0456, -30.9386



22.4362, 9.2473, 13.9863

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.



16.0385, -12.9517, 9.6959



16.0383, 5.0456, -30.9386



16.0385, 4.4156, 11.2270

Square

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



16.0385, 5.0462, -30.9382



16.0385, 23.6587, 5.2871



16.0385, -6.0127, 11.2270



16.0385, -16.0643, -5.3171

Rectangle

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



16.0383, 5.0456, -30.9386



16.0385, 22.1224, -9.1985



16.0385, -6.0127, 11.2270



16.0385, -15.4687, 6.9313

Sweetspot

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



16.0385, 5.0462, -30.9382



36.7148, -2.7572, -8.7297



29.3617, -22.0738, 10.9524



17.9141, -1.3369, -4.9152



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.



16.0385, 5.0462, -30.9382



20.7460, 7.6679, -42.4835



9.3581, 25.0454, -63.9082



16.3718, -1.0349, -0.2339



18.6467, 6.4931, -37.3236



41.0643, 19.3268, -93.0478

Inverse Universe

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



16.3138, 29.0041, 2.2540



21.5438, 38.2179, 3.6615



32.5579, -10.2808, 19.8816



16.1460, 0.6544, 0.5542



19.2103, 34.1082, 3.0332



44.2061, 78.1225, 9.8199

Previews

White Background



This preview shows how the HunterLab color 16.0383, 5.0456, -30.9386 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 16.0383, 5.0456, -30.9386 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 16.0383, 5.0456, -30.9386 Background



This preview shows how black text looks on a background with the HunterLab color 16.0383, 5.0456, -30.9386.



This preview shows how white text looks on a background with the HunterLab color 16.0383, 5.0456, -30.9386.

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

16.0383, 5.0456, -30.9386

Protanopia

16.0987, 3.7211, -28.1548

Deuteranopia

16.1624, -1.0659, -17.9005



Tritanopia

16.2296, -8.0582, -2.8903

Trichromacy



Original Color

16.0383, 5.0456, -30.9386

Protanomaly

16.1540, 4.0079, -28.8431

Deuteranomaly

16.2046, 0.9068, -22.2118

Tritanomaly

15.9486, -4.0580, -11.1743

Monochromacy



Original Color

16.0383, 5.0456, -30.9386

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.9237, -0.7446, -8.4789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0383, 5.0456, -30.9386 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(0, 43, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 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(0, 43, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0383, 5.0456, -30.9386 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(0, 43, 96) }
```


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

```
.border{ border-color:rgb(0, 43, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 43, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 43, 96); box-shadow:4px  
4px 4px 4px rgb(0, 43, 96) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.0383, 5.0456, -30.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 96) }
```

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

```
.background{ background-color: rgb(0, 43,  
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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