

Converting Colors

HunterLab(15.2380, -0.6650,
-36.0185)

Have a look what the booklet for
HunterLab(15.2380, -0.6650,
-36.0185) contains.

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Color

**HunterLab(16.8399, 4.2545,
-30.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	002E62
RGB	0, 46, 98
RGB Percent	0%, 18%, 38%
CMY	1.0000, 0.8196, 0.6157
CMYK	1.00, 0.53, 0.00, 0.62
HSL	212°, 100%, 19%
HSV	212°, 100%, 38%
XYZ	3.1816, 2.8358, 11.9349
YIQ	38.1740, -44.1080, 6.4200

Conversions

Conversions Part 2

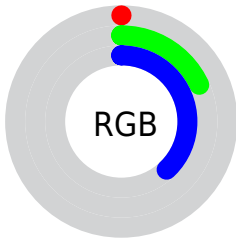
Format	Color
RYB	0, 31, 98
Decimal	11874
CIELab	19.37, 8.67, -34.73
CIELCh	19, 35.791, 284.015
Yxy	2.8359, 0.1772, 0.1580
Android (android.graphics.Color)	4278201954 (0xFF002E62)
YUV	38.1740, 29.4942, -33.4786
Hunter-Lab	16.8399, 4.2545, -30.2326

Details

The HunterLab color **16.8399, 4.2545, -30.2326** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.4801, 10.4101, 14.0337**, and the grayscale version is **13.8973, -0.7415, 0.7551**.

A 20% lighter version of the original color is **32.9323, 4.5958, -30.8178**, and **4.8889, 13.2612, -34.7379** is the 20% darker color. If you saturate the color by 10%, you get **16.8388, 4.2568, -30.2363**, and if you desaturate by 10%, it is **18.2493, 2.4937, -26.2532**.

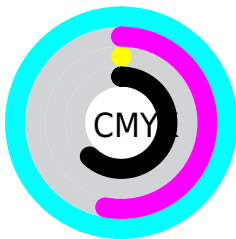
Distribution



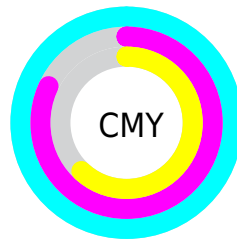
- Red (0%)
- Green (18%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8399, 4.2545, -30.2326 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 16.8399, 4.2545, -30.2326 by changing the saturation by 10% instead.

■ 16.8399, 4.2545,
-30.2326

■ 16.8399, 4.2545,
-30.2326

■ 112.3637, 3.3191,
-34.7595

■ 10.2307, 3.9158,
-30.9568

■ 32.9819, 4.5585,
-30.9129

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.3081, 4.5697,
-31.5171

0.0000, NaN, NaN

■ 52.3779, 4.5061,
-32.1432

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1399, 4.3766,
-32.7521

0.0000, NaN, NaN

■ 74.5522, 4.1883,
-33.3251

0.0000, NaN, NaN

■ 86.5795, 3.9465,

0.0000, NaN, NaN

-33.8529

■ 99.1920, 3.6556,
-34.3316

■ 16.8399, 4.2545,
-30.2326

■ 16.8399, 4.2545,
-30.2326

■ 16.8388, 4.2568,
-30.2363

■ 18.2493, 2.4937,
-26.2532

■ 19.7329, 0.9171,
-22.5440

■ 21.3334, -0.3171,
-18.9747

■ 23.0393, -1.2345,
-15.5616

■ 24.8397, -1.8677,
-12.3080

■ 26.7247, -2.2505,
-9.2078

■ 28.6853, -2.4147,
-6.2503

■ 30.7141, -2.3891,
-3.4222

■ 32.8044, -2.1985,
-0.7095

Harmonies

Analogous

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



16.8401, -6.0897, -29.8139



16.8399, 4.2545, -30.2326



16.8401, 15.4845, -19.4735

Triad

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



16.8401, 4.2551, -30.2322



16.8401, 16.1498, 9.6872



16.8401, -16.2047, 5.3815

Complementary

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



16.8399, 4.2545, -30.2326



22.4801, 10.4101, 14.0337

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.



16.8401, -12.7231, 9.9015



16.8399, 4.2545, -30.2326



16.8401, 5.0072, 11.7881

Square

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



16.8401, 4.2551, -30.2322



16.8401, 23.4044, 4.9241



16.8401, -5.5001, 11.7881



16.8401, -16.3118, -4.4081

Rectangle

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



16.8399, 4.2545, -30.2326



16.8401, 21.2706, -9.8099



16.8401, -5.5001, 11.7881



16.8401, -15.4373, 7.3310

Sweetspot

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



16.8401, 4.2551, -30.2322



37.7349, -3.1878, -8.6210



29.9521, -22.8725, 11.9387



18.0347, -1.5341, -4.7378



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.



16.8401, 4.2551, -30.2322



21.8183, 6.5769, -41.4686



9.4480, 25.5077, -66.2456



16.3965, -1.0756, -0.2039



19.2083, 5.3544, -35.5672



42.3938, 16.4763, -88.5561

Inverse Universe

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



16.7157, 29.8030, 1.6538



22.0796, 39.2818, 2.8729



33.5293, -9.5369, 20.4932



16.1485, 0.6680, 0.5181



19.2660, 34.3116, 2.2330



44.3326, 78.5849, 7.9965

Previews

White Background



This preview shows how the HunterLab color 16.8399, 4.2545, -30.2326 looks on a white background.

Color Contrast Check

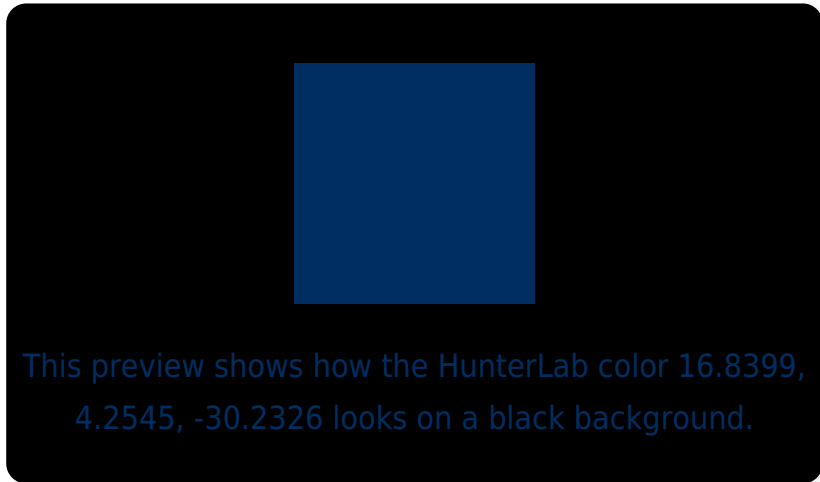
Large Text (above 18pt) WCAG AA ✓ Pass

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

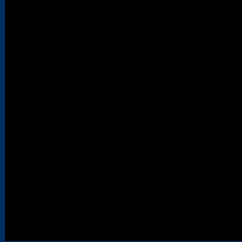
Any Text WCAG AA × Fail

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 16.8399, 4.2545, -30.2326 Background



This preview shows how black text looks on a background with the HunterLab color 16.8399, 4.2545, -30.2326.



This preview shows how white text looks on a background with the HunterLab color 16.8399, 4.2545,

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

16.8399, 4.2545, -30.2326

Protanopia

16.8591, 4.3152, -30.1736

Deuteranopia

16.8894, -0.6190, -19.7740



Tritanopia

16.8277, -8.3724, -2.9596

Trichromacy



Original Color

16.8399, 4.2545, -30.2326

Protanomaly

16.8591, 4.3152, -30.1736

Deuteranomaly

16.8881, 1.1230, -23.5329

Tritanomaly

16.5413, -4.3656, -11.2510

Monochromacy



Original Color

16.8399, 4.2545, -30.2326

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.5131, -0.9811, -8.5386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8399, 4.2545, -30.2326 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, 46, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 46, 98)  
}
```

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, 46, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 46, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8399, 4.2545, -30.2326 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, 46, 98) }
```


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

```
.border{ border-color:rgb(0, 46, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 46, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 46, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 46, 98); box-shadow:4px  
4px 4px 4px rgb(0, 46, 98) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.8399, 4.2545, -30.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 46, 98) }
```

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

```
.background{ background-color: rgb(0, 46,  
98) }
```

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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