

Converting Colors

HunterLab(16.5901, -1.8495,
-34.4338)

Have a look what the booklet for
HunterLab(16.5901, -1.8495,
-34.4338) contains.

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Color

**HunterLab(18.0014, 3.5886,
-30.2469)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 003266 |
| RGB | 0, 50, 102 |
| RGB Percent | 0%, 20%, 40% |
| CMY | 1.0000, 0.8039, 0.6000 |
| CMYK | 1.00, 0.51, 0.00, 0.60 |
| HSL | 211°, 100%, 20% |
| HSV | 211°, 100%, 40% |
| XYZ | 3.5389, 3.2405, 13.0093 |
| YIQ | 40.9780, -46.4920, 5.5720 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 34, 102 |
| Decimal | 12902 |
| CIELab | 20.98, 7.55, -34.74 |
| CIELCh | 21, 35.554, 282.266 |
| Yxy | 3.2406, 0.1788, 0.1638 |
| Android (android.graphics.Color) | 4278202982 (0xFF003266) |
| YUV | 40.9780, 30.0838, -35.9377 |
| Hunter-Lab | 18.0014, 3.5886, -30.2469 |

Details

The HunterLab color **18.0014, 3.5886, -30.2469** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.9820, 11.8823, 14.3687**, and the grayscale version is **14.8010, -0.7897, 0.8042**.

A 20% lighter version of the original color is **34.5366, 3.6468, -31.1384**, and **5.6502, 12.5831, -34.2256** is the 20% darker color. If you saturate the color by 10%, you get **18.0002, 3.5910, -30.2506**, and if you desaturate by 10%, it is **19.4337, 1.8297, -26.3440**.

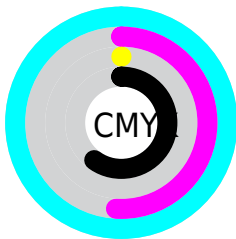
Distribution



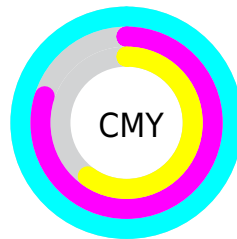
- Red (0%)
- Green (20%)
- Blue (40%)



- Red (0%)
- Yellow (13%)
- Blue (40%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0014, 3.5886, -30.2469 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 18.0014, 3.5886, -30.2469 by changing the saturation by 10% instead.

■ 18.0014, 3.5886,
-30.2469

■ 18.0014, 3.5886,
-30.2469

■ 114.5329, 2.0393,
-34.8465

■ 11.2187, 3.3554,
-30.7491

■ 34.4293, 3.7178,
-31.0268

■ 3.2985, 9.8028,
-61.8934

■ 43.8791, 3.6536,
-31.6386

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 54.0634, 3.5202,
-32.2641

0.0000, NaN, NaN

■ 64.9326, 3.3254,
-32.8685

0.0000, NaN, NaN

■ 76.4460, 3.0756,
-33.4349

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.5694, 2.7755,

-33.9554

0.0000, NaN, NaN

101.2735, 2.4290,
-34.4263

18.0014, 3.5886,
-30.2469

18.0014, 3.5886,
-30.2469

18.0002, 3.5910,
-30.2506

19.4337, 1.8297,
-26.3440

20.9435, 0.2716,
-22.6763

22.5713, -0.9335,
-19.1278

24.3068, -1.8101,
-15.7162

26.1394, -2.3901,
-12.4475

■ 28.0593, -2.7072,
-9.3190

■ 30.0578, -2.7937,
-6.3230

■ 32.1274, -2.6788,
-3.4485

■ 34.2611, -2.3882,
-0.6838

Harmonies

Analogous

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



18.0016, -6.7728, -29.1112



18.0014, 3.5886, -30.2469



18.0016, 14.9480, -20.1589

Triad

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



18.0016, 3.5892, -30.2464



18.0016, 16.7949, 9.7771



18.0016, -16.5839, 5.9524

Complementary

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



18.0014, 3.5886, -30.2469



22.9820, 11.8823, 14.3687

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.



18.0016, -12.7473, 10.3293



18.0014, 3.5886, -30.2469



18.0016, 5.6955, 12.0687

Square

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



18.0016, 3.5892, -30.2464



18.0016, 23.6761, 4.6401



18.0016, -5.1007, 12.2708



18.0016, -16.8946, -3.6588

Rectangle

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



18.0014, 3.5886, -30.2469



18.0016, 20.9324, -10.6172



18.0016, -5.1007, 12.2708



18.0016, -15.7137, 7.8821

Sweetspot

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



18.0016, 3.5892, -30.2464



39.5712, -3.7008, -8.7125



31.2120, -24.0294, 12.8614



18.8383, -1.7920, -4.7917



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



18.0016, 3.5892, -30.2464



23.3714, 5.6581, -41.4264



9.7959, 26.5626, -69.5814



17.2171, -1.1719, -0.1969



20.2092, 4.4352, -34.8340



44.2234, 13.9520, -85.3938

Inverse Universe

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



17.4794, 31.2482, 1.0821



23.0990, 41.2095, 2.1211



35.1107, -9.4303, 21.4694



16.9314, 0.7340, 0.5017



19.7885, 35.3433, 1.5084



44.9968, 80.0043, 6.2396

Previews

White Background



This preview shows how the HunterLab color 18.0014, 3.5886, -30.2469 looks on a white background.

Color Contrast Check

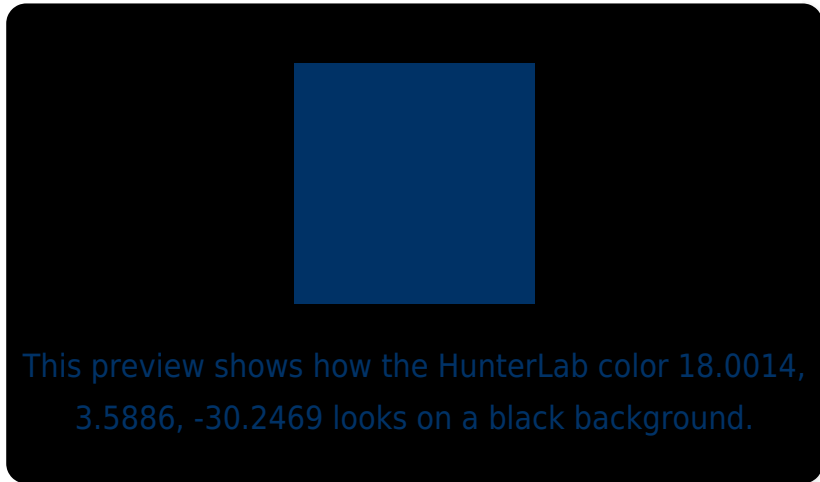
Large Text (above 18pt) WCAG AA ✓ Pass

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

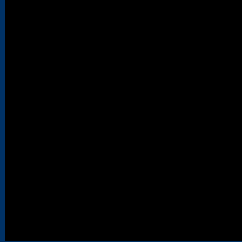
Any Text WCAG AA × Fail

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 18.0014, 3.5886, -30.2469 Background



This preview shows how black text looks on a background with the HunterLab color 18.0014, 3.5886, -30.2469.



This preview shows how white text looks on a background with the HunterLab color 18.0014, 3.5886,

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

18.0014, 3.5886, -30.2469

Protanopia

18.0688, 4.8993, -29.1800

Deuteranopia

17.9201, -0.3190, -21.7099



Tritanopia

18.0643, -8.8316, -3.5139

Trichromacy



Original Color

18.0014, 3.5886, -30.2469

Protanomaly

17.9091, 4.3936, -29.6475

Deuteranomaly

17.8714, 1.1799, -24.8848

Tritanomaly

17.7768, -4.7645, -11.9341

Monochromacy



Original Color

18.0014, 3.5886, -30.2469

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.4268, -1.2648, -8.5899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0014, 3.5886, -30.2469 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, 50, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 102)  
}
```

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, 50, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0014, 3.5886, -30.2469 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, 50, 102) }
```


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

```
.border{ border-color:rgb(0, 50, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0014, 3.5886, -30.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 102) }
```

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

```
.background{ background-color: rgb(0, 50,  
102) }
```

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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