

Converting Colors

HunterLab(18.0331, 3.1831,
-29.4113)

Have a look what the booklet for
HunterLab(18.0331, 3.1831,
-29.4113) contains.

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Color

**HunterLab(17.9466, 3.3014,
-29.5585)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 003265 |
| RGB | 0, 50, 101 |
| RGB Percent | 0%, 20%, 40% |
| CMY | 1.0000, 0.8039, 0.6039 |
| CMYK | 1.00, 0.50, 0.00, 0.60 |
| HSL | 210°, 100%, 20% |
| HSV | 210°, 100%, 40% |
| XYZ | 3.4896, 3.2208, 12.7497 |
| YIQ | 40.8640, -46.1710, 5.2610 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 33, 101 |
| Decimal | 12901 |
| CIELab | 20.91, 7.10, -34.21 |
| CIELCh | 21, 34.941, 281.722 |
| Yxy | 3.2209, 0.1793, 0.1655 |
| Android (android.graphics.Color) | 4278202981 (0xFF003265) |
| YUV | 40.8640, 29.6470, -35.8377 |
| Hunter-Lab | 17.9466, 3.3014, -29.5585 |

Details

The HunterLab color **17.9466, 3.3014, -29.5585** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.6611, 11.9463, 14.1721**, and the grayscale version is **14.7654, -0.7878, 0.8022**.

A 20% lighter version of the original color is **34.4408, 3.1364, -29.8615**, and **5.5656, 12.3118, -33.5341** is the 20% darker color. If you saturate the color by 10%, you get **17.9455, 3.3036, -29.5619**, and if you desaturate by 10%, it is **19.3567, 1.5970, -25.7567**.

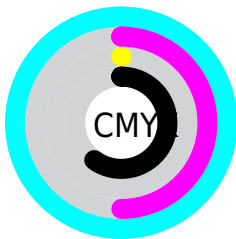
Distribution



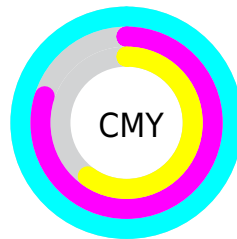
- Red (0%)
- Green (20%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9466, 3.3014, -29.5585 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 17.9466, 3.3014, -29.5585 by changing the saturation by 10% instead.

■ 17.9466, 3.3014,
-29.5585

■ 17.9466, 3.3014,
-29.5585

■ 114.4313, 1.5447,
-34.1240

■ 11.1719, 3.1009,
-30.0073

■ 34.3613, 3.3738,
-30.3658

■ 3.1699, 9.5886,
-62.5427

■ 43.8053, 3.2844,
-30.9762

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 53.9843, 3.1273,
-31.5958

0.0000, NaN, NaN

■ 64.8485, 2.9102,
-32.1917

0.0000, NaN, NaN

■ 76.3573, 2.6392,
-32.7480

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.4762, 2.3189,

-33.2573

0.0000, NaN, NaN

101.1760, 1.9530,
-33.7163

17.9466, 3.3014,
-29.5585

17.9466, 3.3014,
-29.5585

17.9455, 3.3036,
-29.5619

19.3567, 1.5970,
-25.7567

20.8408, 0.0854,
-22.1831

22.4402, -1.0797,
-18.7213

24.1450, -1.9221,
-15.3889

25.9449, -2.4727,
-12.1920

■ 27.8306, -2.7643,
-9.1287

■ 29.7937, -2.8284,
-6.1920

■ 31.8266, -2.6935,
-3.3720

■ 33.9228, -2.3848,
-0.6575

Harmonies

Analogous

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



17.9468, -6.8274, -28.2364



17.9466, 3.3014, -29.5585



17.9468, 14.4404, -19.9037

Triad

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



17.9468, 3.3020, -29.5580



17.9468, 16.6051, 9.6078



17.9468, -16.3123, 5.9910

Complementary

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



17.9466, 3.3014, -29.5585



22.6611, 11.9463, 14.1721

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.



17.9468, -12.4541, 10.2604



17.9466, 3.3014, -29.5585



17.9468, 5.7772, 11.9000

Square

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



17.9468, 3.3020, -29.5580



17.9468, 23.2135, 4.4378



17.9468, -4.8553, 12.1389



17.9468, -16.6812, -3.3491

Rectangle

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



17.9466, 3.3014, -29.5585



17.9468, 20.3479, -10.6209



17.9468, -4.8553, 12.1389



17.9468, -15.4299, 7.8705

Sweetspot

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



17.9468, 3.3020, -29.5580



38.8149, -3.7094, -8.4338



30.8904, -23.7759, 12.7161



18.8670, -1.8385, -4.7499



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.



17.9468, 3.3020, -29.5580



23.0701, 5.1787, -40.0149



9.6947, 26.2884, -68.8630



17.2230, -1.1817, -0.1897



20.3438, 4.1757, -34.4421



44.5400, 13.3117, -84.4073

Inverse Universe

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



17.3125, 30.9752, 0.8756



22.6368, 40.4203, 1.8049



34.7480, -9.3329, 21.2477



16.9320, 0.7373, 0.4930



19.8024, 35.3939, 1.3096



45.0283, 80.1192, 5.7875

Previews

White Background



This preview shows how the HunterLab color 17.9466, 3.3014, -29.5585 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 17.9466, 3.3014, -29.5585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

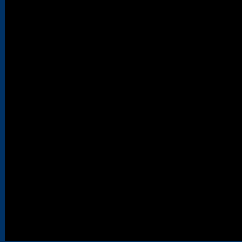
Any Text WCAG AA × Fail

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 17.9466, 3.3014, -29.5585 Background



This preview shows how black text looks on a background with the HunterLab color 17.9466, 3.3014, -29.5585.



This preview shows how white text looks on a background with the HunterLab color 17.9466, 3.3014, -29.5585.

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

17.9466, 3.3014, -29.5585

Protanopia

18.0421, 4.7071, -28.4205

Deuteranopia

17.9201, -0.3190, -21.7099



Tritanopia

18.0347, -9.0067, -3.0990

Trichromacy



Original Color

17.9466, 3.3014, -29.5585

Protanomaly

17.8742, 4.1737, -28.9054

Deuteranomaly

17.8714, 1.1799, -24.8848

Tritanomaly

17.7379, -4.9861, -11.4074

Monochromacy



Original Color

17.9466, 3.3014, -29.5585

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 17.9466, 3.3014, -29.5585 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9466, 3.3014, -29.5585 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, 101) }
```


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

```
.border{ border-color:rgb(0, 50, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 101)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9466, 3.3014, -29.5585 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, 101) }
```

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

```
.background{ background-color: rgb(0, 50,  
101) }
```

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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