

Converting Colors

HunterLab(18.2367, 3.1415,
-29.5758)

Have a look what the booklet for
HunterLab(18.2367, 3.1415,
-29.5758) contains.

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Color

**HunterLab(18.2400, 3.1352,
-29.5664)**

Conversions

Conversions Part 1

Format	Color
Hex	003366
RGB	0, 51, 102
RGB Percent	0%, 20%, 40%
CMY	1.0000, 0.8000, 0.6000
CMYK	1.00, 0.50, 0.00, 0.60
HSL	210°, 100%, 20%
HSV	210°, 100%, 40%
XYZ	3.5821, 3.3270, 13.0238
YIQ	41.5650, -46.7670, 5.0490

Conversions

Conversions Part 2

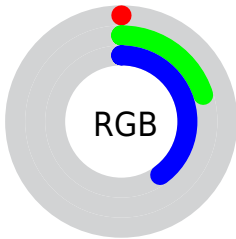
Format	Color
RYB	0, 34, 102
Decimal	13158
CIELab	21.31, 6.83, -34.22
CIELCh	21, 34.891, 281.281
Yxy	3.3271, 0.1797, 0.1669
Android (android.graphics.Color)	4278203238 (0xFF003366)
YUV	41.5650, 29.7945, -36.4525
Hunter-Lab	18.2400, 3.1352, -29.5664

Details

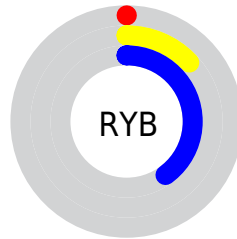
The HunterLab color **18.2400, 3.1352, -29.5664** is a dark color, and the websafe version is hex **003366**, and the color name is **dark midnight blue**. A complement of this color would be **22.7890, 12.3156, 14.2573**, and the grayscale version is **14.9927, -0.8000, 0.8146**.

A 20% lighter version of the original color is **34.8015, 3.1666, -30.5842**, and **6.0222, 11.1877, -31.6782** is the 20% darker color. If you saturate the color by 10%, you get **18.2389, 3.1375, -29.5699**, and if you desaturate by 10%, it is **19.6554, 1.4311, -25.7820**.

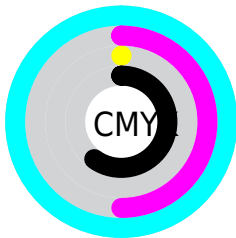
Distribution



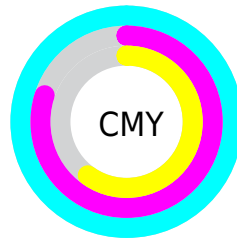
- Red (0%)
- Green (20%)
- Blue (40%)



- 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 18.2400, 3.1352, -29.5664 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 18.2400, 3.1352, -29.5664 by changing the saturation by 10% instead.

■ 18.2400, 3.1352,
-29.5664

■ 18.2400, 3.1352,
-29.5664

■ 114.9743, 1.2289,
-34.1453

■ 11.4227, 2.9604,
-29.9681

■ 34.7253, 3.1651,
-30.3949

■ 3.8065, 7.6101,
-53.0636

■ 44.1999, 3.0573,
-31.0067

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 54.4073, 2.8832,
-31.6259

0.0000, NaN, NaN

■ 65.2981, 2.6502,
-32.2204

0.0000, NaN, NaN

■ 76.8319, 2.3641,
-32.7751

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.9747, 2.0296,

-33.2824

0.0000, NaN, NaN

101.6972, 1.6501,
-33.7395

18.2400, 3.1352,
-29.5664

18.2400, 3.1352,
-29.5664

18.2389, 3.1375,
-29.5699

19.6554, 1.4311,
-25.7820

21.1457, -0.0761,
-22.2176

22.7517, -1.2342,
-18.7602

24.4636, -2.0665,
-15.4276

26.2714, -2.6039,
-12.2267

■ 28.1657, -2.8791,
-9.1563

■ 30.1381, -2.9236,
-6.2099

■ 32.1811, -2.7663,
-3.3783

■ 34.2881, -2.4325,
-0.6510

Harmonies

Analogous

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



18.2403, -6.9989, -28.0741



18.2400, 3.1352, -29.5664



18.2403, 14.3080, -20.0732

Triad

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



18.2403, 3.1358, -29.5659



18.2403, 16.7647, 9.6503



18.2403, -16.3998, 6.1338

Complementary

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



18.2400, 3.1352, -29.5664



22.7890, 12.3156, 14.2573

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.



18.2403, -12.4520, 10.3776



18.2400, 3.1352, -29.5664



18.2403, 5.9506, 11.9287

Square

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



18.2403, 3.1358, -29.5659



18.2403, 23.2804, 4.3576



18.2403, -4.7497, 12.1949



18.2403, -16.8228, -3.1673

Rectangle

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



18.2400, 3.1352, -29.5664



18.2403, 20.2651, -10.8225



18.2403, -4.7497, 12.1949



18.2403, -15.4911, 8.0088

Sweetspot

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



18.2403, 3.1358, -29.5659



39.6805, -3.8777, -8.5573



31.2121, -24.0295, 12.8615



18.8963, -1.8859, -4.7073



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.



18.2403, 3.1358, -29.5659



23.6923, 5.0349, -40.4822



9.7959, 26.5628, -69.5817



17.2291, -1.1916, -0.1823



20.4816, 3.9120, -34.0452



44.8644, 12.6612, -83.4085

Inverse Universe

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



17.5044, 31.3390, 0.7262



23.1319, 41.3296, 1.6497



35.1108, -9.4303, 21.4695



16.9326, 0.7406, 0.4841



19.8167, 35.4461, 1.1050



45.0608, 80.2377, 5.3217

Previews

White Background



This preview shows how the HunterLab color 18.2400, 3.1352, -29.5664 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 18.2400, 3.1352, -29.5664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

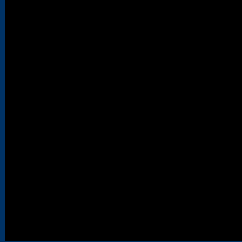
Any Text WCAG AA × Fail

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 18.2400, 3.1352, -29.5664 Background



This preview shows how black text looks on a background with the HunterLab color 18.2400, 3.1352, -29.5664.



This preview shows how white text looks on a background with the HunterLab color 18.2400, 3.1352, -29.5664.

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

18.2400, 3.1352, -29.5664

Protanopia

18.3854, 4.7077, -28.2926

Deuteranopia

18.2179, -0.4798, -21.7351



Tritanopia

18.3386, -9.1664, -3.1340

Trichromacy



Original Color

18.2400, 3.1352, -29.5664

Protanomaly

18.1834, 4.0643, -28.8694

Deuteranomaly

18.1673, 1.0171, -24.9032

Tritanomaly

18.0393, -5.1422, -11.4470

Monochromacy



Original Color

18.2400, 3.1352, -29.5664

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.7479, -1.3095, -8.5810

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2400, 3.1352, -29.5664 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, 51, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 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, 51, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2400, 3.1352, -29.5664 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, 51, 102) }
```


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

```
.border{ border-color:rgb(0, 51, 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, 51, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.2400, 3.1352, -29.5664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 102) }
```

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

```
.background{ background-color: rgb(0, 51,  
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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