

Converting Colors

HunterLab(18.2049, 2.4692,
-28.5257)

Have a look what the booklet for
HunterLab(18.2049, 2.4692,
-28.5257) contains.

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Color

**HunterLab(18.1858, 2.8504,
-28.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	003365
RGB	0, 51, 101
RGB Percent	0%, 20%, 40%
CMY	1.0000, 0.8000, 0.6039
CMYK	1.00, 0.50, 0.00, 0.60
HSL	210°, 100%, 20%
HSV	210°, 100%, 40%
XYZ	3.5328, 3.3072, 12.7641
YIQ	41.4510, -46.4460, 4.7380

Conversions

Conversions Part 2

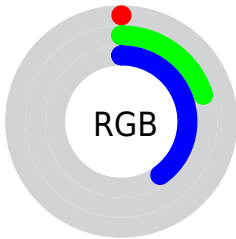
Format	Color
RYB	0, 34, 101
Decimal	13157
CIELab	21.23, 6.37, -33.68
CIELCh	21, 34.282, 280.711
Yxy	3.3073, 0.1802, 0.1687
Android (android.graphics.Color)	4278203237 (0xFF003365)
YUV	41.4510, 29.3577, -36.3525
Hunter-Lab	18.1858, 2.8504, -28.8838

Details

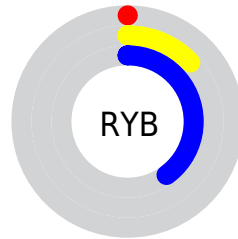
The HunterLab color **18.1858, 2.8504, -28.8838** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.4696, 12.3779, 14.0616**, and the grayscale version is **14.9569, -0.7981, 0.8126**.

A 20% lighter version of the original color is **34.7064, 2.6587, -29.3148**, and **5.9429, 10.9037, -30.9661** is the 20% darker color. If you saturate the color by 10%, you get **18.1847, 2.8526, -28.8873**, and if you desaturate by 10%, it is **19.5787, 1.2003, -25.1990**.

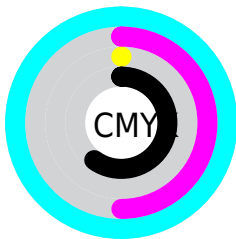
Distribution



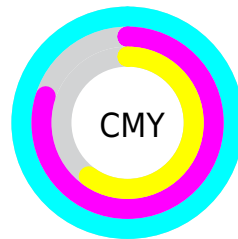
- Red (0%)
- Green (20%)
- Blue (40%)



- 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 18.1858, 2.8504, -28.8838 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 18.1858, 2.8504, -28.8838 by changing the saturation by 10% instead.

■ 18.1858, 2.8504,
-28.8838

■ 18.1858, 2.8504,
-28.8838

■ 114.8742, 0.7361,
-33.4231

■ 11.3763, 2.7086,
-29.2353

■ 34.6581, 2.8232,
-29.7369

■ 3.6975, 7.3111,
-53.0305

■ 44.1271, 2.6901,
-30.3466

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 54.3292, 2.4923,
-30.9594

0.0000, NaN, NaN

■ 65.2151, 2.2369,
-31.5451

0.0000, NaN, NaN

■ 76.7443, 1.9296,
-32.0892

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.8827, 1.5748,

-32.5850

0.0000, NaN, NaN

101.6011, 1.1760,
-33.0299

18.1858, 2.8504,
-28.8838

18.1858, 2.8504,
-28.8838

18.1847, 2.8526,
-28.8873

19.5787, 1.2003,
-25.1990

21.0432, -0.2608,
-21.7274

22.6206, -1.3792,
-18.3558

24.3017, -2.1776,
-15.1016

26.0768, -2.6858,
-11.9719

■ 27.9369, -2.9357,
-8.9663

■ 29.8738, -2.9579,
-6.0791

■ 31.8802, -2.7807,
-3.3018

■ 33.9497, -2.4289,
-0.6246

Harmonies

Analogous

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



18.1861, -7.0527, -27.2133



18.1858, 2.8504, -28.8838



18.1861, 13.8045, -19.8166

Triad

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



18.1861, 2.8510, -28.8833



18.1861, 16.5734, 9.4807



18.1861, -16.1234, 6.1715

Complementary

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



18.1858, 2.8504, -28.8838



22.4696, 12.3779, 14.0616

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.



18.1861, -12.1539, 10.3083



18.1858, 2.8504, -28.8838



18.1861, 6.0317, 11.7605

Square

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



18.1861, 2.8510, -28.8833



18.1861, 22.8185, 4.1499



18.1861, -4.5019, 12.0631



18.1861, -16.6064, -2.8639

Rectangle

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



18.1858, 2.8504, -28.8838



18.1861, 19.6846, -10.8246



18.1861, -4.5019, 12.0631



18.1861, -15.2023, 7.9968

Sweetspot

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



18.1861, 2.8510, -28.8833



38.9228, -3.8838, -8.2809



30.8670, -23.9205, 13.0577



18.9257, -1.9332, -4.6648



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.



18.1861, 2.8510, -28.8833



23.3883, 4.5661, -39.0903



9.8814, 25.4745, -67.3392



17.2352, -1.2016, -0.1750



20.6200, 3.6492, -33.6509



45.1904, 12.0128, -82.4162

Inverse Universe

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



17.3377, 31.0666, 0.5168



22.6697, 40.5401, 1.3344



34.2792, -8.6511, 20.9707



16.9332, 0.7440, 0.4753



19.8312, 35.4987, 0.8984



45.0937, 80.3575, 4.8508

Previews

White Background



This preview shows how the HunterLab color 18.1858, 2.8504, -28.8838 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

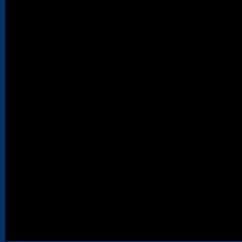
Any Text WCAG AA × Fail

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 18.1858, 2.8504, -28.8838 Background



This preview shows how black text looks on a background with the HunterLab color 18.1858, 2.8504, -28.8838.



This preview shows how white text looks on a background with the HunterLab color 18.1858, 2.8504,

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

18.1858, 2.8504, -28.8838

Protanopia

18.3627, 4.5296, -27.5344

Deuteranopia

18.2179, -0.4798, -21.7351

Trichromacy



Original Color

18.1858, 2.8504, -28.8838

Protanomaly

18.1512, 3.8539, -28.1301

Deuteranomaly

18.1169, 0.7459, -24.2546

Monochromacy



Original Color

18.1858, 2.8504, -28.8838

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.6693, -1.6579, -8.1676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1858, 2.8504, -28.8838 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 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, 51, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1858, 2.8504, -28.8838 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, 101) }
```

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

```
.border{ border-color:rgb(0, 51, 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, 51, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 101)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 18.1858, 2.8504, -28.8838 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, 101) }
```

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

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