

Converting Colors

HunterLab(18.5833, -4.8084,
-12.8476)

Have a look what the booklet for
HunterLab(18.5833, -4.8084,
-12.8476) contains.

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Color

**HunterLab(18.4595, -4.6278,
-13.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	003850
RGB	0, 56, 80
RGB Percent	0%, 22%, 31%
CMY	1.0000, 0.7804, 0.6863
CMYK	1.00, 0.30, 0.00, 0.69
HSL	198°, 100%, 16%
HSV	198°, 100%, 31%
XYZ	2.8621, 3.4075, 8.0963
YIQ	41.9920, -41.0800, -4.4080

Conversions

Conversions Part 2

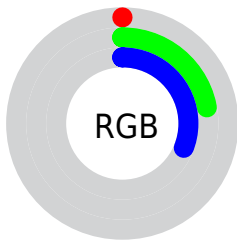
Format	Color
RYB	0, 33, 80
Decimal	14416
CIELab	21.61, -6.54, -19.26
CIELCh	22, 20.342, 251.236
Yxy	3.4076, 0.1992, 0.2372
Android (android.graphics.Color)	4278204496 (0xFF003850)
YUV	41.9920, 18.7379, -36.8270
Hunter-Lab	18.4595, -4.6278, -13.0828

Details

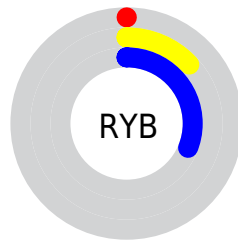
The HunterLab color **18.4595, -4.6278, -13.0828** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.3590, 15.3681, 9.7326**, and the grayscale version is **15.1648, -0.8092, 0.8239**.

A 20% lighter version of the original color is **35.0394, -6.6209, -13.6678**, and **6.3969, 1.2870, -10.7739** is the 20% darker color. If you saturate the color by 10%, you get **18.4593, -4.6273, -13.0835**, and if you desaturate by 10%, it is **19.2290, -5.0453, -11.6407**.

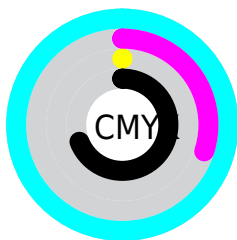
Distribution



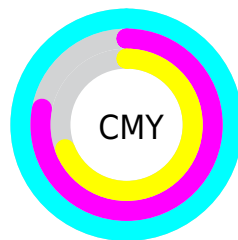
- Red (0%)
- Green (22%)
- Blue (31%)



- Red (0%)
- Yellow (13%)
- Blue (31%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4595, -4.6278, -13.0828 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 18.4595, -4.6278, -13.0828 by changing the saturation by 10% instead.

■ 18.4595, -4.6278,
-13.0828

■ 18.4595, -4.6278,
-13.0828

■ 115.3793,
-13.0660, -15.0449

■ 11.6107, -3.6943,
-12.6460

■ 34.9972, -6.4407,
-13.9528

■ 4.2187, -6.9840,
-20.4150

■ 44.4945, -7.3483,
-14.2999

0.0000, NaN, -NF

■ 54.7230, -8.2652,
-14.5788

0.0000, NaN, NaN

■ 65.6336, -9.1945,
-14.7914

0.0000, NaN, NaN

■ 77.1860, -10.1382,
-14.9408

0.0000, NaN, NaN

■ 89.3465, -11.0975,

0.0000, NaN, NaN

-15.0306

0.0000, NaN, NaN

102.0860,
-12.0733, -15.0642

18.4595, -4.6278,
-13.0828

18.4595, -4.6278,
-13.0828

18.4593, -4.6273,
-13.0835

19.2290, -5.0453,
-11.6407

20.0142, -5.4157,
-10.2453

20.8585, -5.5796,
-8.8177

21.7632, -5.5336,
-7.3628

22.7263, -5.2866,
-5.8888

■ 23.7454, -4.8512,
-4.4034

■ 24.8177, -4.2413,
-2.9132

■ 25.9402, -3.4716,
-1.4234

■ 27.1100, -2.5568,
0.0619

Harmonies

Analogous

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



18.4598, -9.0421, -8.0229



18.4595, -4.6278, -13.0828



18.4598, 1.3682, -13.7289

Triad

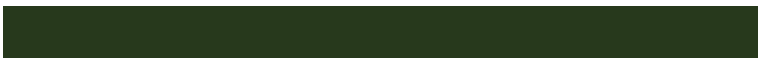
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.4598, -4.6276, -13.0824



18.4598, 12.0606, 3.0595



18.4598, -8.1328, 7.6059

Complementary

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



18.4595, -4.6278, -13.0828



15.3590, 15.3681, 9.7326

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.



18.4598, -3.2277, 8.9680



18.4595, -4.6278, -13.0828



18.4598, 8.7437, 6.9746

Square

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



18.4598, -4.6276, -13.0824



18.4598, 11.5572, -2.9794



18.4598, 2.9619, 8.7825



18.4598, -10.8761, 4.2608

Rectangle

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



18.4595, -4.6278, -13.0828



18.4598, 5.5349, -11.3881



18.4598, 2.9619, 8.7825



18.4598, -6.7110, 8.2525

Sweetspot

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



18.4598, -4.6276, -13.0824



32.6252, -5.7016, -4.0640



24.0902, -19.6794, 12.3724



16.4368, -3.0112, -2.3145



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



18.4598, -4.6276, -13.0824



24.0830, -5.6690, -17.8640



9.7465, 12.8583, -39.9376



14.2689, -1.2737, 0.1291



56.4110, -11.4830, -45.7203

Inverse Universe

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



14.1108, 26.1864, -6.5673



18.5999, 34.4521, -8.1303



23.1786, -0.9650, 14.2652



13.8688, 0.6371, 0.1357



44.4839, 82.0787, -16.9805

Previews

White Background



This preview shows how the HunterLab color 18.4595, -4.6278, -13.0828 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 18.4595, -4.6278, -13.0828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

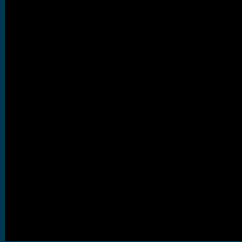
Any Text WCAG AA × Fail

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 18.4595, -4.6278, -13.0828 Background



This preview shows how black text looks on a background with the HunterLab color 18.4595, -4.6278, -13.0828.



This preview shows how white text looks on a background with the HunterLab color 18.4595, -4.6278, -13.0828.

-13.0828.

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

18.4595, -4.6278, -13.0828

Protanopia

18.7437, 1.2079, -10.0574

Deuteranopia

18.6068, 1.1346, -13.3200



Tritanopia

18.3984, -8.8129, -3.9719

Trichromacy



Original Color

18.4595, -4.6278, -13.0828

Protanomaly

18.2453, -1.6836, -11.6029

Deuteranomaly

18.2606, -1.3109, -14.0466

Tritanomaly

18.3192, -7.3354, -7.0624

Monochromacy



Original Color

18.4595, -4.6278, -13.0828

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.9736, -3.5671, -4.1066

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4595, -4.6278, -13.0828 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, 56, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 80)  
}
```

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, 56, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4595, -4.6278, -13.0828 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, 56, 80) }
```

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

```
.border{ border-color:rgb(0, 56, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 80); box-shadow:4px  
4px 4px 4px rgb(0, 56, 80) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.4595, -4.6278, -13.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 80) }
```

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

```
.background{ background-color: rgb(0, 56,  
80) }
```

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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