

Converting Colors

HunterLab(15.7824, -4.4396,
-20.9759)

Have a look what the booklet for
HunterLab(15.7824, -4.4396,
-20.9759) contains.

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Color

**HunterLab(16.7963, -1.1286,
-18.5576)**

Conversions

Conversions Part 1

Format	Color
Hex	003153
RGB	0, 49, 83
RGB Percent	0%, 19%, 33%
CMY	1.0000, 0.8078, 0.6745
CMYK	1.00, 0.41, 0.00, 0.67
HSL	205°, 100%, 16%
HSV	205°, 100%, 33%
XYZ	2.6596, 2.8212, 8.5880
YIQ	38.2250, -40.1180, 0.1860

Conversions

Conversions Part 2

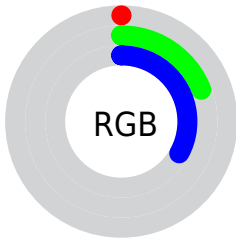
Format	Color
RYB	0, 31, 83
Decimal	12627
CIELab	19.31, -0.41, -24.89
CIELCh	19, 24.890, 269.050
Yxy	2.8212, 0.1891, 0.2005
Android (android.graphics.Color)	4278202707 (0xFF003153)
YUV	38.2250, 22.0741, -33.5233
Hunter-Lab	16.7963, -1.1286, -18.5576

Details

The HunterLab color **16.7963, -1.1286, -18.5576** is a dark color, and the websafe version is hex **003366**, and the color name is **prussian blue**. A complement of this color would be **17.2726, 12.5520, 10.8624**, and the grayscale version is **13.9356, -0.7436, 0.7571**.

A 20% lighter version of the original color is **33.0182, -2.0316, -19.5365**, and **4.5284, 7.1492, -21.0932** is the 20% darker color. If you saturate the color by 10%, you get **16.7958, -1.1276, -18.5591**, and if you desaturate by 10%, it is **17.8046, -1.9712, -16.3152**.

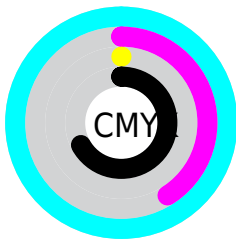
Distribution



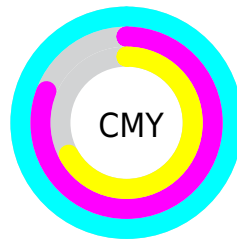
- Red (0%)
- Green (19%)
- Blue (33%)



- Red (0%)
- Yellow (12%)
- Blue (33%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7963, -1.1286, -18.5576 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 16.7963, -1.1286, -18.5576 by changing the saturation by 10% instead.

■ 16.7963, -1.1286,
-18.5576

■ 16.7963, -1.1286,
-18.5576

■ 112.2816, -6.4334,
-21.9313

■ 10.1938, -0.7400,
-18.3416

■ 32.9274, -2.0483,
-19.5687

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 42.2489, -2.5713,
-20.0735

0.0000, NaN, NaN

■ 52.3143, -3.1322,
-20.5293

0.0000, NaN, NaN

■ 63.0722, -3.7286,
-20.9272

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4806, -4.3585,
-21.2652

0.0000, NaN, NaN

■ 86.5043, -5.0202,

0.0000, NaN, NaN

-21.5438

■ 99.1133, -5.7122,
-21.7651

■ 16.7963, -1.1286,
-18.5576

■ 16.7963, -1.1286,
-18.5576

■ 16.7958, -1.1276,
-18.5591

■ 17.8046, -1.9712,
-16.3152

■ 18.8393, -2.7433,
-14.1944

■ 19.9466, -3.2788,
-12.0918

■ 21.1242, -3.5839,
-10.0155

■ 22.3675, -3.6751,
-7.9741

■ 23.6719, -3.5710,
-5.9732

■ 25.0328, -3.2908,
-4.0155

■ 26.4458, -2.8526,
-2.1015

■ 27.9068, -2.2735,
-0.2305

Harmonies

Analogous

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



16.7966, -7.4989, -14.9560



16.7963, -1.1286, -18.5576



16.7966, 6.4441, -15.3603

Triad

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



16.7966, -1.1283, -18.5572



16.7966, 13.1537, 6.1745



16.7966, -11.2833, 6.4163

Complementary

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



16.7963, -1.1286, -18.5576



17.2726, 12.5520, 10.8624

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.



16.7966, -7.1604, 8.9096



16.7963, -1.1286, -18.5576



16.7966, 6.9138, 8.8077

Square

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



16.7966, -1.1283, -18.5572



16.7966, 15.4901, 0.6923



16.7966, -0.6647, 9.6815



16.7966, -12.7138, 1.1333

Rectangle

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



16.7963, -1.1286, -18.5576



16.7966, 11.0189, -10.3450



16.7966, -0.6647, 9.6815



16.7966, -10.2051, 7.5033

Sweetspot

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



16.7966, -1.1283, -18.5572



32.4847, -4.3415, -5.4974



25.0949, -19.9400, 11.6793



15.9179, -2.2049, -3.0240



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.



16.7966, -1.1283, -18.5572



21.5490, -0.8570, -25.0844



8.9715, 17.1600, -48.2545



14.1646, -1.1035, 0.0042



21.0369, -0.8875, -24.3785



48.6997, 0.9706, -62.9656

Inverse Universe

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



14.3559, 26.1270, -2.6975



18.6906, 33.9418, -2.9109



26.1356, -4.3273, 16.0284



13.8580, 0.5790, 0.2893



18.2231, 33.0992, -2.8884



43.5545, 78.7343, -3.9942

Previews

White Background



This preview shows how the HunterLab color 16.7963, -1.1286, -18.5576 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 16.7963, -1.1286, -18.5576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

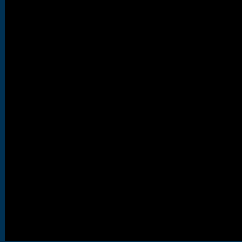
Any Text WCAG AA × Fail

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 16.7963, -1.1286, -18.5576 Background



This preview shows how black text looks on a background with the HunterLab color 16.7963, -1.1286, -18.5576.



This preview shows how white text looks on a background with the HunterLab color 16.7963, -1.1286, -18.5576.

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

16.7963, -1.1286, -18.5576

Protanopia

16.9452, 2.8894, -16.7455

Deuteranopia

16.9323, 0.6000, -18.2115



Tritanopia

16.8571, -8.1988, -3.3710

Trichromacy



Original Color

16.7963, -1.1286, -18.5576

Protanomaly

16.7381, 1.0882, -17.9432

Deuteranomaly

16.7618, 0.0192, -18.6182

Tritanomaly

16.8800, -6.1555, -7.8105

Monochromacy



Original Color

16.7963, -1.1286, -18.5576

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.5481, -2.5086, -5.3029

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7963, -1.1286, -18.5576 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, 49, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 83)  
}
```

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, 49, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7963, -1.1286, -18.5576 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, 49, 83) }
```


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

```
.border{ border-color:rgb(0, 49, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 49, 83); box-shadow:4px  
4px 4px 4px rgb(0, 49, 83) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.7963, -1.1286, -18.5576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 83) }
```

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

```
.background{ background-color: rgb(0, 49,  
83) }
```

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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