

Converting Colors

HunterLab(19.0382, -8.5621,
-18.7881)

Have a look what the booklet for
HunterLab(19.0382, -8.5621,
-18.7881) contains.

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Color

**HunterLab(20.1883, -4.2578,
-16.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	003D5A
RGB	0, 61, 90
RGB Percent	0%, 24%, 35%
CMY	1.0000, 0.7608, 0.6471
CMYK	1.00, 0.32, 0.00, 0.65
HSL	199°, 100%, 18%
HSV	199°, 100%, 35%
XYZ	3.5142, 4.0757, 10.2743
YIQ	46.0670, -45.6650, -3.9130

Conversions

Conversions Part 2

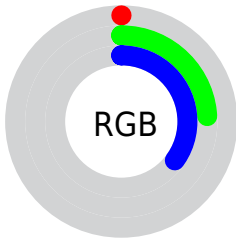
Format	Color
RYB	0, 36, 90
Decimal	15706
CIELab	23.92, -5.50, -22.22
CIELCh	24, 22.895, 256.106
Yxy	4.0758, 0.1967, 0.2282
Android (android.graphics.Color)	4278205786 (0xFF003D5A)
YUV	46.0670, 21.6590, -40.4008
Hunter-Lab	20.1883, -4.2578, -16.0423

Details

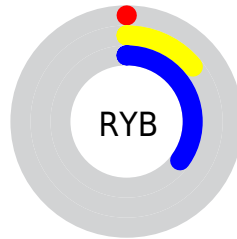
The HunterLab color **20.1883, -4.2578, -16.0423** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.4722, 16.9911, 11.0630**, and the grayscale version is **16.4936, -0.8801, 0.8961**.

A 20% lighter version of the original color is **37.0251, -5.9262, -17.0200**, and **8.0473, 1.1667, -12.5771** is the 20% darker color. If you saturate the color by 10%, you get **20.1879, -4.2570, -16.0434**, and if you desaturate by 10%, it is **21.0996, -4.8950, -14.2651**.

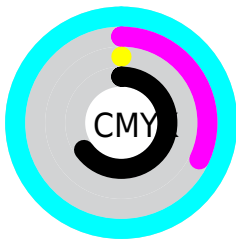
Distribution



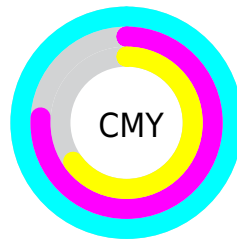
- Red (0%)
- Green (24%)
- Blue (35%)



- Red (0%)
- Yellow (14%)
- Blue (35%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1883, -4.2578, -16.0423 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 20.1883, -4.2578, -16.0423 by changing the saturation by 10% instead.

■ 20.1883, -4.2578,
-16.0423

■ 20.1883, -4.2578,
-16.0423

■ 118.5303,
-12.1955, -18.6588

■ 13.0998, -3.4225,
-15.6023

■ 37.1258, -5.9201,
-17.0132

■ 6.5880, -3.9881,
-17.5635

■ 46.7972, -6.7656,
-17.4312

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 57.1874, -7.6259,
-17.7870

0.0000, NaN, NaN

■ 68.2497, -8.5030,
-18.0795

0.0000, NaN, NaN

■ 79.9457, -9.3980,
-18.3102

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.2425, -10.3115,

-18.4818

0.0000, NaN, NaN

105.1122,
-11.2440, -18.5970

20.1883, -4.2578,
-16.0423

20.1883, -4.2578,
-16.0423

20.1879, -4.2570,
-16.0434

21.0996, -4.8950,
-14.2651

22.0399, -5.4417,
-12.5358

23.0529, -5.7373,
-10.7733

24.1377, -5.7852,
-8.9876

25.2918, -5.5972,
-7.1890

■ 26.5118, -5.1889,
-5.3866

■ 27.7940, -4.5778,
-3.5878

■ 29.1347, -3.7819,
-1.7982

■ 30.5301, -2.8188,
-0.0218

Harmonies

Analogous

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



20.1886, -9.7099, -10.6994



20.1883, -4.2578, -16.0423



20.1886, 2.8562, -15.8150

Triad

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



20.1886, -4.2575, -16.0419



20.1886, 13.8078, 4.3842



20.1886, -10.0162, 8.1965

Complementary

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



20.1883, -4.2578, -16.0423



17.4722, 16.9911, 11.0630

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.



20.1886, -4.7328, 10.0264



20.1883, -4.2578, -16.0423



20.1886, 9.3022, 8.4041

Square

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



20.1886, -4.2575, -16.0419



20.1886, 13.9817, -2.2802



20.1886, 2.3107, 10.0863



20.1886, -12.7099, 3.9792

Rectangle

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



20.1883, -4.2578, -16.0423



20.1886, 7.6266, -12.4857



20.1886, 2.3107, 10.0863



20.1886, -8.5198, 9.0357

Sweetspot

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



20.1886, -4.2575, -16.0419



36.5925, -6.1453, -4.9783



27.2006, -22.1916, 13.9080



17.7700, -3.1338, -2.7523



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



20.1886, -4.2575, -16.0419



26.3741, -5.1350, -21.8802



10.6019, 15.7674, -47.2862



15.8340, -1.3926, 0.0926



24.6131, -4.8871, -20.2143



56.1415, -9.2043, -50.3025

Inverse Universe

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



15.8454, 29.2594, -6.2438



20.9154, 38.5523, -7.6781



26.4669, -1.5880, 16.2805



15.3979, 0.7422, 0.1653



19.4712, 35.9061, -7.2711



45.3807, 83.3649, -14.4673

Previews

White Background



This preview shows how the HunterLab color 20.1883, -4.2578, -16.0423 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 20.1883, -4.2578, -16.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

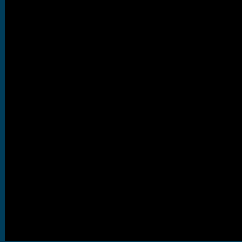
Any Text WCAG AA × Fail

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 20.1883, -4.2578, -16.0423 Background



This preview shows how black text looks on a background with the HunterLab color 20.1883, -4.2578, -16.0423.



This preview shows how white text looks on a background with the HunterLab color 20.1883, -4.2578, -16.0423.

-16.0423.

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

20.1883, -4.2578, -16.0423

Protanopia

20.2597, 2.1329, -13.2438

Deuteranopia

20.2803, 1.3720, -16.4150



Tritanopia

20.2397, -9.7768, -4.1926

Trichromacy



Original Color

20.1883, -4.2578, -16.0423

Protanomaly

19.9756, -1.2799, -14.4765

Deuteranomaly

19.9703, -0.9620, -17.0962

Tritanomaly

20.2258, -7.8860, -8.2569

Monochromacy



Original Color

20.1883, -4.2578, -16.0423

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.2530, -3.7067, -5.0953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1883, -4.2578, -16.0423 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, 61, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 90)  
}
```

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, 61, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1883, -4.2578, -16.0423 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, 61, 90) }
```


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

```
.border{ border-color:rgb(0, 61, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 90); box-shadow:4px  
4px 4px 4px rgb(0, 61, 90) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1883, -4.2578, -16.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 90) }
```

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

```
.background{ background-color: rgb(0, 61,  
90) }
```

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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