

Converting Colors

HunterLab(19.5867, -9.4045,
-19.8834)

Have a look what the booklet for
HunterLab(19.5867, -9.4045,
-19.8834) contains.

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Color

**HunterLab(20.8882, -4.0995,
-17.2588)**

Conversions

Conversions Part 1

Format	Color
Hex	003F5E
RGB	0, 63, 94
RGB Percent	0%, 25%, 37%
CMY	1.0000, 0.7529, 0.6314
CMYK	1.00, 0.33, 0.00, 0.63
HSL	200°, 100%, 18%
HSV	200°, 100%, 37%
XYZ	3.7979, 4.3632, 11.2317
YIQ	47.6970, -47.4990, -3.7150

Conversions

Conversions Part 2

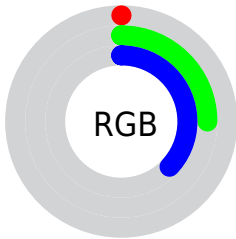
Format	Color
RYB	0, 38, 94
Decimal	16222
CIELab	24.84, -5.09, -23.39
CIELCh	25, 23.934, 257.733
Yxy	4.3633, 0.1958, 0.2250
Android (android.graphics.Color)	4278206302 (0xFF003F5E)
YUV	47.6970, 22.8274, -41.8303
Hunter-Lab	20.8882, -4.0995, -17.2588

Details

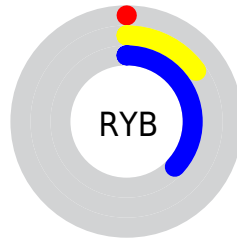
The HunterLab color **20.8882, -4.0995, -17.2588** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.3306, 17.6463, 11.6034**, and the grayscale version is **17.0303, -0.9087, 0.9253**.

A 20% lighter version of the original color is **37.8873, -5.3684, -18.6688**, and **8.6587, 1.3737, -13.7881** is the 20% darker color. If you saturate the color by 10%, you get **20.8877, -4.0986, -17.2601**, and if you desaturate by 10%, it is **21.8566, -4.8279, -15.3433**.

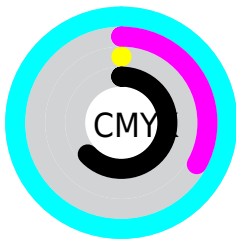
Distribution



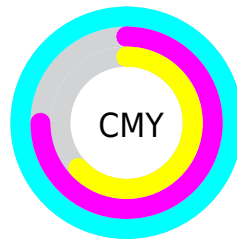
- Red (0%)
- Green (25%)
- Blue (37%)



- Red (0%)
- Yellow (15%)
- Blue (37%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8882, -4.0995, -17.2588 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 20.8882, -4.0995, -17.2588 by changing the saturation by 10% instead.

■ 20.8882, -4.0995,
-17.2588

■ 20.8882, -4.0995,
-17.2588

■ 119.7880,
-11.8462, -20.1119

■ 13.7069, -3.3003,
-16.8206

■ 37.9817, -5.7052,
-18.2627

■ 7.3184, -3.4187,
-17.8881

■ 47.7212, -6.5270,
-18.7058

0.0000, NaN, -NF

■ 58.1749, -7.3657,
-19.0893

0.0000, NaN, NaN

■ 69.2969, -8.2228,
-19.4110

0.0000, NaN, NaN

■ 81.0492, -9.0990,
-19.6718

0.0000, NaN, NaN

■ 93.3997, -9.9949,

0.0000, NaN, NaN

-19.8738

0.0000, NaN, NaN

■ 106.3207,
-10.9106, -20.0196

■ 20.8882, -4.0995,
-17.2588

■ 20.8882, -4.0995,
-17.2588

■ 20.8877, -4.0986,
-17.2601

■ 21.8566, -4.8279,
-15.3433

■ 22.8599, -5.4465,
-13.4752

■ 23.9412, -5.7968,
-11.5745

■ 25.0991, -5.8839,
-9.6526

■ 26.3308, -5.7207,
-7.7207

■ 27.6324, -5.3240,
-5.7884

■ 29.0001, -4.7130,
-3.8634

■ 30.4295, -3.9069,
-1.9514

■ 31.9168, -2.9247,
-0.0563

Harmonies

Analogous

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



20.8885, -9.9765, -11.8140



20.8882, -4.0995, -17.2588



20.8885, 3.4723, -16.6598

Triad

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



20.8885, -4.0992, -17.2584



20.8885, 14.5137, 4.9068



20.8885, -10.7731, 8.4327

Complementary

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



20.8882, -4.0995, -17.2588



18.3306, 17.6463, 11.6034

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.



20.8885, -5.3389, 10.4521



20.8882, -4.0995, -17.2588



20.8885, 9.5235, 8.9682

Square

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



20.8885, -4.0992, -17.2584



20.8885, 14.9703, -2.0008



20.8885, 2.0453, 10.6054



20.8885, -13.4479, 3.8528

Rectangle

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



20.8882, -4.0995, -17.2588



20.8885, 8.4878, -12.9245



20.8885, 2.0453, 10.6054



20.8885, -9.2468, 9.3510

Sweetspot

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



20.8885, -4.0992, -17.2584



38.2005, -6.3239, -5.3512



28.4572, -23.2401, 14.6008



18.4550, -3.2133, -2.9589



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



20.8885, -4.0992, -17.2584



27.3026, -4.9089, -23.5290



11.0300, 16.7002, -49.8347



15.8258, -1.3791, 0.0827



24.3873, -4.5433, -20.6743



55.5852, -8.3376, -51.4782

Inverse Universe

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



16.5493, 30.5068, -6.1165



21.8552, 40.2172, -7.5014



27.6679, -1.6203, 17.0200



15.3971, 0.7376, 0.1775



19.4425, 35.8032, -6.8736



45.3115, 83.1166, -13.5054

Previews

White Background



This preview shows how the HunterLab color 20.8882, -4.0995, -17.2588 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 20.8882, -4.0995, -17.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

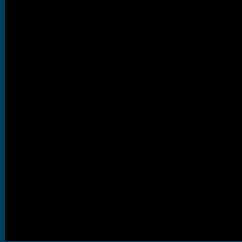
Any Text WCAG AA × Fail

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 20.8882, -4.0995, -17.2588 Background



This preview shows how black text looks on a background with the HunterLab color 20.8882, -4.0995, -17.2588.



This preview shows how white text looks on a background with the HunterLab color 20.8882, -4.0995, -17.2588.

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

20.8882, -4.0995, -17.2588

Protanopia

20.9587, 2.3072, -14.4085

Deuteranopia

21.1879, 0.9846, -17.2225

Trichromacy



Original Color

20.8882, -4.0995, -17.2588

Protanomaly

20.6842, -1.0805, -15.6441

Deuteranomaly

20.9055, -1.2764, -17.8455

Monochromacy



Original Color

20.8882, -4.0995, -17.2588

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.9420, -3.6187, -5.5336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8882, -4.0995, -17.2588 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, 63, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 94)  
}
```

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, 63, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8882, -4.0995, -17.2588 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, 63, 94) }
```

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

```
.border{ border-color:rgb(0, 63, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 94); box-shadow:4px  
4px 4px 4px rgb(0, 63, 94) }
```


Background

The CSS property to change the background color of an element to HunterLab 20.8882, -4.0995, -17.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 94) }
```

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

```
.background{ background-color: rgb(0, 63,  
94) }
```

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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