

Converting Colors

HunterLab(18.5283, -16.8320,
-13.3447)

Have a look what the booklet for
HunterLab(18.5283, -16.8320,
-13.3447) contains.

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Color

**HunterLab(20.8801, -8.0019,
-8.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	004150
RGB	0, 65, 80
RGB Percent	0%, 25%, 31%
CMY	1.0000, 0.7451, 0.6863
CMYK	1.00, 0.19, 0.00, 0.69
HSL	191°, 100%, 16%
HSV	191°, 100%, 31%
XYZ	3.3383, 4.3598, 8.2550
YIQ	47.2750, -43.5550, -9.1150

Conversions

Conversions Part 2

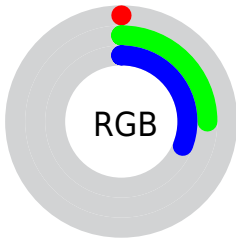
Format	Color
RYB	0, 36, 80
Decimal	16720
CIELab	24.83, -12.23, -14.26
CIELCh	25, 18.786, 229.365
Yxy	4.3599, 0.2093, 0.2733
Android (android.graphics.Color)	4278206800 (0xFF004150)
YUV	47.2750, 16.1334, -41.4602
Hunter-Lab	20.8801, -8.0019, -8.8244

Details

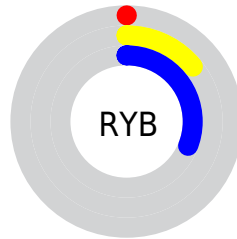
The HunterLab color **20.8801, -8.0019, -8.8244** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.3085, 18.3642, 9.1375**, and the grayscale version is **16.9106, -0.9023, 0.9188**.

A 20% lighter version of the original color is **37.9728, -10.7292, -9.2172**, and **8.5682, -2.2911, -5.7636** is the 20% darker color. If you saturate the color by 10%, you get **20.8800, -8.0017, -8.8248**, and if you desaturate by 10%, it is **21.4152, -8.0880, -7.9580**.

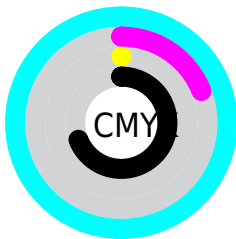
Distribution



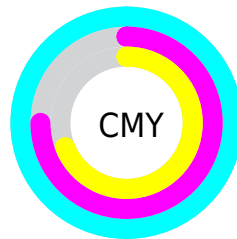
- Red (0%)
- Green (25%)
- Blue (31%)



- Red (0%)
- Yellow (14%)
- Blue (31%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8801, -8.0019, -8.8244 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 20.8801, -8.0019, -8.8244 by changing the saturation by 10% instead.

■ 20.8801, -8.0019,
-8.8244

■ 20.8801, -8.0019,
-8.8244

■ 119.7736,
-19.3380, -9.0873

■ 13.6999, -6.5788,
-8.4504

■ 37.9718, -10.6320,
-9.3503

■ 7.3104, -7.6827,
-8.8183

■ 47.7106, -11.8947,
-9.4985

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 58.1635, -13.1413,
-9.5766

0.0000, NaN, NaN

■ 69.2848, -14.3796,
-9.5901

0.0000, NaN, NaN

■ 81.0365, -15.6151,
-9.5438

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.3864, -16.8516,

-9.4422

0.0000, NaN, NaN

106.3068,
-18.0918, -9.2889

20.8801, -8.0019,
-8.8244

20.8801, -8.0019,
-8.8244

20.8800, -8.0017,
-8.8248

21.4152, -8.0880,
-7.9580

21.9631, -8.1291,
-7.0968

22.5647, -7.9729,
-6.1773

23.2229, -7.6102,
-5.2001

23.9380, -7.0442,
-4.1707

■ 24.7093, -6.2824,
-3.0953

■ 25.5355, -5.3354,
-1.9804

■ 26.4148, -4.2154,
-0.8324

■ 27.3451, -2.9357,
0.3428

Harmonies

Analogous

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



20.8805, -10.7767, -2.7680



20.8801, -8.0019, -8.8244



20.8805, -3.1680, -12.4956

Triad

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



20.8805, -8.0018, -8.8240



20.8805, 11.2457, -0.9548



20.8805, -4.7456, 8.9699

Complementary

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



20.8801, -8.0019, -8.8244



14.3085, 18.3642, 9.1375

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.



20.8805, 1.0199, 9.2046



20.8801, -8.0019, -8.8244



20.8805, 10.7020, 4.4078

Square

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



20.8805, -8.0018, -8.8240



20.8805, 8.2105, -7.1839



20.8805, 6.7985, 7.7798



20.8805, -9.0461, 7.0141

Rectangle

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



20.8801, -8.0019, -8.8244



20.8805, 0.7632, -12.5618



20.8805, 6.7985, 7.7798



20.8805, -2.9295, 9.2271

Sweetspot

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



20.8805, -8.0018, -8.8240



33.6087, -7.1967, -2.7800



24.0229, -20.1004, 13.3655



16.9780, -3.8285, -1.6004



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.



20.8805, -8.0018, -8.8240



27.3846, -10.3064, -11.9798



11.3536, 8.4773, -32.4890



14.3764, -1.4478, 0.2569



64.8274, -23.4894, -30.3217

Inverse Universe

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



14.4475, 27.3809, -11.1421



19.0554, 36.0703, -14.3324



20.9918, 2.8802, 12.9849



13.8800, 0.6973, -0.0236



45.6271, 86.1461, -32.5967

Previews

White Background



This preview shows how the HunterLab color 20.8801, -8.0019, -8.8244 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

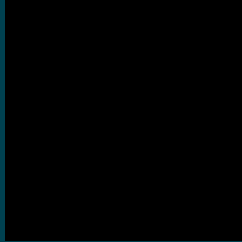
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

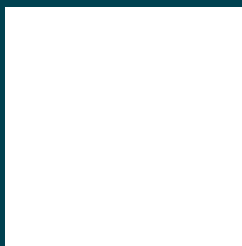
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 20.8801, -8.0019, -8.8244 Background



This preview shows how black text looks on a background with the HunterLab color 20.8801, -8.0019, -8.8244.



This preview shows how white text looks on a background with the HunterLab color 20.8801, -8.0019, -8.8244.

-8.8244.

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

20.8801, -8.0019, -8.8244

Protanopia

21.0906, 0.4111, -5.7099

Deuteranopia

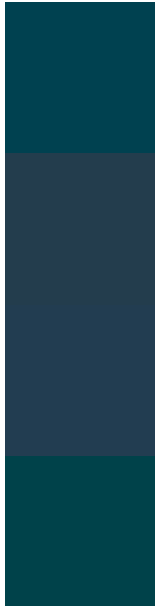
21.1634, 1.0652, -8.7493



Tritanopia

20.8599, -10.1016, -4.2666

Trichromacy



Original Color

20.8801, -8.0019, -8.8244

Protanomaly

20.5685, -3.8727, -7.6326

Deuteranomaly

20.6680, -3.2323, -9.6526

Tritanomaly

20.9543, -9.5450, -5.5861

Monochromacy



Original Color

20.8801, -8.0019, -8.8244

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.9725, -5.1922, -2.6662

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8801, -8.0019, -8.8244 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, 65, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 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, 65, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8801, -8.0019, -8.8244 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, 65, 80) }
```

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

```
.border{ border-color:rgb(0, 65, 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, 65, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 65, 80); box-shadow:4px  
4px 4px 4px rgb(0, 65, 80) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.8801, -8.0019, -8.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 80) }
```

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

```
.background{ background-color: rgb(0, 65,  
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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