

Converting Colors

HunterLab(20.4334, -13.6989,
-10.5965)

Have a look what the booklet for
HunterLab(20.4334, -13.6989,
-10.5965) contains.

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Color

**HunterLab(21.7794, -8.6902,
-8.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	004452
RGB	0, 68, 82
RGB Percent	0%, 27%, 32%
CMY	1.0000, 0.7333, 0.6784
CMYK	1.00, 0.17, 0.00, 0.68
HSL	190°, 100%, 16%
HSV	190°, 100%, 32%
XYZ	3.5901, 4.7434, 8.7090
YIQ	49.2640, -45.0220, -10.0620

Conversions

Conversions Part 2

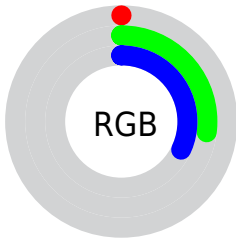
Format	Color
RYB	0, 37, 82
Decimal	17490
CIELab	25.99, -13.23, -13.77
CIELCh	26, 19.100, 226.145
Yxy	4.7436, 0.2107, 0.2783
Android (android.graphics.Color)	4278207570 (0xFF004452)
YUV	49.2640, 16.1388, -43.2045
Hunter-Lab	21.7794, -8.6902, -8.4628

Details

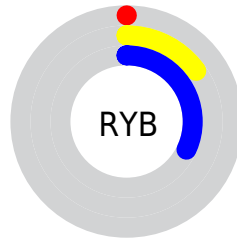
The HunterLab color **21.7794, -8.6902, -8.4628** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.5192, 19.3028, 9.2839**, and the grayscale version is **17.5728, -0.9376, 0.9548**.

A 20% lighter version of the original color is **38.9695, -11.4350, -8.8569**, and **9.3400, -2.9036, -5.4061** is the 20% darker color. If you saturate the color by 10%, you get **21.7794, -8.6901, -8.4630**, and if you desaturate by 10%, it is **22.2888, -8.7445, -7.6535**.

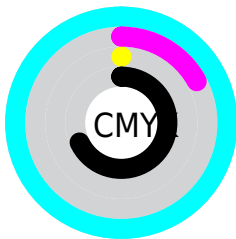
Distribution



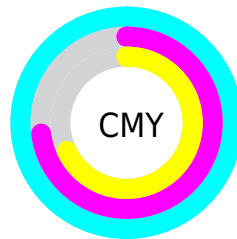
- Red (0%)
- Green (27%)
- Blue (32%)



- Red (0%)
- Yellow (15%)
- Blue (32%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (73%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7794, -8.6902, -8.4628 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 21.7794, -8.6902, -8.4628 by changing the saturation by 10% instead.

■ 21.7794, -8.6902,
-8.4628

■ 21.7794, -8.6902,
-8.4628

■ 121.3756,
-20.5207, -8.4986

■ 14.4831, -7.1907,
-8.1104

■ 39.0670, -11.4547,
-8.9339

■ 8.1442, -7.5154,
-7.9829

■ 48.8916, -12.7775,
-9.0548

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 59.4245, -14.0806,
-9.1064

0.0000, NaN, NaN

■ 70.6210, -15.3722,
-9.0944

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.4439, -16.6584,
-9.0236

0.0000, NaN, NaN

■ 94.8615, -17.9433,

-8.8983

0.0000, NaN, NaN

107.8467,
-19.2300, -8.7223

21.7794, -8.6902,
-8.4628

21.7794, -8.6902,
-8.4628

21.7794, -8.6901,
-8.4630

22.2888, -8.7445,
-7.6535

22.8126, -8.7466,
-6.8431

23.3916, -8.5447,
-5.9693

24.0287, -8.1295,
-5.0330

24.7246, -7.5035,
-4.0389

■ 25.4787, -6.6738,
-2.9931

■ 26.2899, -5.6504,
-1.9021

■ 27.1567, -4.4460,
-0.7723

■ 28.0769, -3.0741,
0.3900

Harmonies

Analogous

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



21.7798, -11.2996, -2.1415



21.7794, -8.6902, -8.4628



21.7798, -3.8944, -12.6228

Triad

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



21.7798, -8.6901, -8.4624



21.7798, 11.3981, -1.6512



21.7798, -4.3217, 9.3949

Complementary

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



21.7794, -8.6902, -8.4628



14.5192, 19.3028, 9.2839

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.



21.7798, 1.7094, 9.4588



21.7794, -8.6902, -8.4628



21.7798, 11.2512, 4.0585

Square

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



21.7798, -8.6901, -8.4624



21.7798, 7.9305, -8.0196



21.7798, 7.5487, 7.7803



21.7798, -8.9732, 7.5721

Rectangle

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



21.7794, -8.6902, -8.4628



21.7798, 0.1032, -13.0348



21.7798, 7.5487, 7.7803



21.7798, -2.4015, 9.6014

Sweetspot

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



21.7798, -8.6901, -8.4624



34.6199, -7.6227, -2.6702



24.6282, -20.6715, 13.8416



17.0594, -3.9495, -1.4951



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.



21.7798, -8.6901, -8.4624



28.5963, -11.2427, -11.4731



11.8687, 8.1476, -32.4214



14.3924, -1.4737, 0.2759



27.8900, -10.9786, -11.1605



66.1194, -25.2245, -28.1910

Inverse Universe

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



14.8706, 28.2707, -12.1471



19.6218, 37.2628, -15.6914



21.2011, 3.5655, 13.1260



13.8816, 0.7064, -0.0475



19.1293, 36.3310, -15.3246



45.8138, 86.8061, -35.1126

Previews

White Background



This preview shows how the HunterLab color 21.7794, -8.6902, -8.4628 looks on a white background.

Color Contrast Check

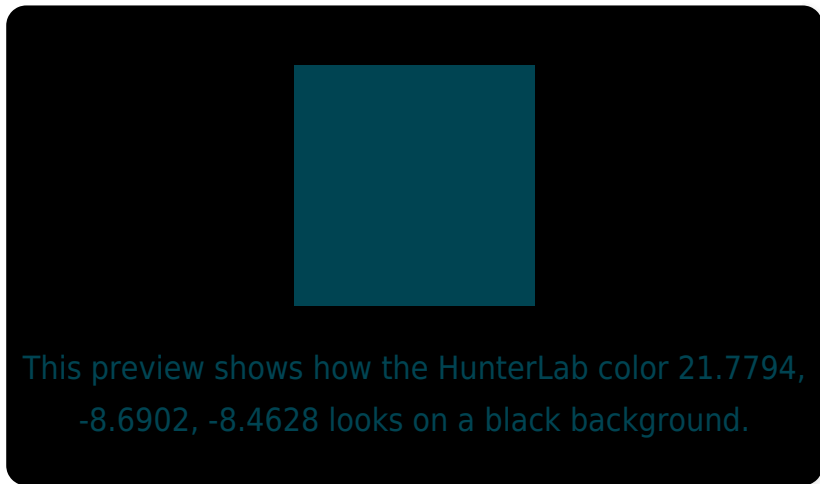
Large Text (above 18pt) WCAG AA ✓ Pass

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

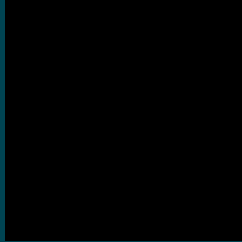
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

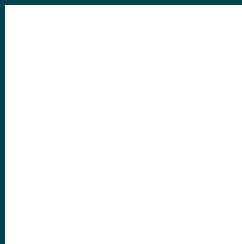
Any Text WCAG AAA × Fail

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

HunterLab 21.7794, -8.6902, -8.4628 Background



This preview shows how black text looks on a background with the HunterLab color 21.7794, -8.6902, -8.4628.



This preview shows how white text looks on a background with the HunterLab color 21.7794, -8.6902, -8.4628.

-8.4628.

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

21.7794, -8.6902, -8.4628

Protanopia

21.8469, 0.6043, -5.5822

Deuteranopia

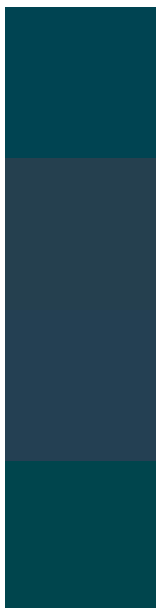
21.9507, 1.4313, -9.1041



Tritanopia

21.7960, -10.5920, -4.3780

Trichromacy



Original Color

21.7794, -8.6902, -8.4628

Protanomaly

21.5049, -4.3686, -7.2195

Deuteranomaly

21.6018, -3.7400, -9.2159

Tritanomaly

21.8908, -10.0330, -5.7031

Monochromacy



Original Color

21.7794, -8.6902, -8.4628

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.5919, -5.4461, -2.7183

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7794, -8.6902, -8.4628 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, 68, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 82)  
}
```

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, 68, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7794, -8.6902, -8.4628 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, 68, 82) }
```


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

```
.border{ border-color:rgb(0, 68, 82) }
```

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

Here you see how a box with a 4 pixel rgb(0, 68, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 68, 82); box-shadow:4px  
4px 4px 4px rgb(0, 68, 82) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7794, -8.6902, -8.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 82) }
```

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

```
.background{ background-color: rgb(0, 68,  
82) }
```

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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