

Converting Colors

HunterLab(20.0237, -13.7635,
-6.0747)

Have a look what the booklet for
HunterLab(20.0237, -13.7635,
-6.0747) contains.

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Color

**HunterLab(20.8909, -9.9185,
-4.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	004248
RGB	0, 66, 72
RGB Percent	0%, 26%, 28%
CMY	1.0000, 0.7412, 0.7176
CMYK	1.00, 0.08, 0.00, 0.72
HSL	185°, 100%, 14%
HSV	185°, 100%, 28%
XYZ	3.1179, 4.3643, 6.8090
YIQ	46.9500, -41.2620, -12.1260

Conversions

Conversions Part 2

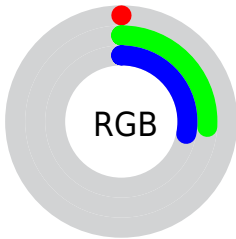
Format	Color
RYB	0, 34, 72
Decimal	16968
CIELab	24.84, -15.98, -8.97
CIELCh	25, 18.325, 209.303
Yxy	4.3645, 0.2182, 0.3054
Android (android.graphics.Color)	4278207048 (0xFF004248)
YUV	46.9500, 12.3497, -41.1751
Hunter-Lab	20.8909, -9.9185, -4.7007

Details

The HunterLab color **20.8909, -9.9185, -4.7007** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.2804, 18.3030, 7.8869**, and the grayscale version is **16.8143, -0.8972, 0.9136**.

A 20% lighter version of the original color is **37.9247, -13.0321, -4.6390**, and **8.6138, -3.7098, -2.7581** is the 20% darker color. If you saturate the color by 10%, you get **20.8911, -9.9186, -4.7006**, and if you desaturate by 10%, it is **21.1693, -9.6978, -4.2967**.

Distribution



- Red (0%)
- Green (26%)
- Blue (28%)



- Red (0%)
- Yellow (13%)
- Blue (28%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8909, -9.9185, -4.7007 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 20.8909, -9.9185, -4.7007 by changing the saturation by 10% instead.

■ 20.8909, -9.9185,
-4.7007

■ 20.8909, -9.9185,
-4.7007

■ 119.7929,
-23.1898, -3.0747

■ 13.7093, -8.1522,
-4.5298

■ 37.9850, -13.1065,
-4.7753

■ 7.3211, -9.9024,
-4.8542

■ 47.7248, -14.6077,
-4.6998

0.0000, NaN, -NF

■ 58.1787, -16.0741,
-4.5600

0.0000, NaN, NaN

■ 69.3010, -17.5173,
-4.3619

0.0000, NaN, NaN

■ 81.0535, -18.9454,
-4.1105

0.0000, NaN, NaN

■ 93.4042, -20.3642,

0.0000, NaN, NaN

-3.8100

0.0000, NaN, NaN

106.3254,
-21.7779, -3.4638

20.8909, -9.9185,
-4.7007

20.8909, -9.9185,
-4.7007

20.8911, -9.9186,
-4.7006

21.1693, -9.6978,
-4.2967

21.4540, -9.4536,
-3.8891

21.7812, -9.0486,
-3.4259

22.1566, -8.4635,
-2.9015

22.5818, -7.6974,
-2.3172

■ 23.0575, -6.7534,
-1.6755

■ 23.5835, -5.6378,
-0.9802

■ 24.1595, -4.3593,
-0.2354

■ 24.7844, -2.9286,
0.5541

Harmonies

Analogous

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



20.8913, -11.0716, 1.2649



20.8909, -9.9185, -4.7007



20.8913, -6.4714, -10.0939

Triad

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



20.8913, -9.9185, -4.7004



20.8913, 9.2792, -4.9837



20.8913, -0.9810, 9.1636

Complementary

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



20.8909, -9.9185, -4.7007



12.2804, 18.3030, 7.8869

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.



20.8913, 4.8403, 8.3162



20.8909, -9.9185, -4.7007



20.8913, 11.1440, 1.0087

Square

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



20.8913, -9.9185, -4.7004



20.8913, 4.5821, -10.2862



20.8913, 9.4392, 5.6620



20.8913, -6.2618, 8.3930

Rectangle

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



20.8909, -9.9185, -4.7007



20.8913, -3.1309, -12.0804



20.8913, 9.4392, 5.6620



20.8913, 0.9786, 9.0633

Sweetspot

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



20.8913, -9.9185, -4.7004



31.0275, -7.6282, -1.4079



21.5531, -18.3070, 12.5809



15.9415, -4.1089, -0.8309



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



20.8913, -9.9185, -4.7004



27.4739, -12.9758, -6.3289



12.0769, 3.4757, -22.5967



12.8864, -1.4061, 0.3467



29.0164, -13.6918, -6.7113



71.1854, -33.2414, -17.2168

Inverse Universe

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



13.3086, 25.7451, -14.3115



17.5442, 33.9196, -18.6979



17.1755, 5.8878, 10.6861



12.3834, 0.6215, -0.1226



18.5370, 35.8350, -19.7250



45.6932, 88.2214, -47.7631

Previews

White Background



This preview shows how the HunterLab color 20.8909, -9.9185, -4.7007 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

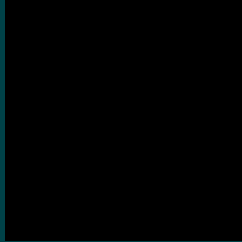
Any Text WCAG AA × Fail

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 20.8909, -9.9185, -4.7007 Background



This preview shows how black text looks on a background with the HunterLab color 20.8909, -9.9185, -4.7007.



This preview shows how white text looks on a background with the HunterLab color 20.8909, -9.9185, -4.7007.

-4.7007.

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

20.8909, -9.9185, -4.7007

Protanopia

21.0540, -0.2017, -1.9841

Deuteranopia

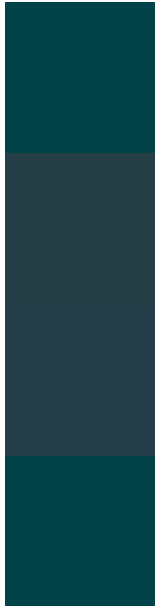
21.0240, 1.3637, -5.2916



Tritanopia

20.8599, -10.1016, -4.2666

Trichromacy



Original Color

20.8909, -9.9185, -4.7007

Protanomaly

20.6597, -5.3982, -3.5219

Deuteranomaly

20.5228, -4.3050, -5.6396

Tritanomaly

20.8599, -10.1016, -4.2666

Monochromacy



Original Color

20.8909, -9.9185, -4.7007

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.8882, -5.6752, -1.4774

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8909, -9.9185, -4.7007 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, 66, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 72)  
}
```

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, 66, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8909, -9.9185, -4.7007 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, 66, 72) }
```


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

```
.border{ border-color:rgb(0, 66, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 72); box-shadow:4px  
4px 4px 4px rgb(0, 66, 72) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.8909, -9.9185, -4.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 72) }
```

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

```
.background{ background-color: rgb(0, 66,  
72) }
```

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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