

Converting Colors

HunterLab(19.1397, -21.3642,
2.0739)

Have a look what the booklet for
HunterLab(19.1397, -21.3642,
2.0739) contains.

HunterLab(20.8915, -13.9792, 4.0645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(20.8915,
-13.9792, 4.0645)**

Conversions

Conversions Part 1

Format	Color
Hex	004432
RGB	0, 68, 50
RGB Percent	0%, 27%, 20%
CMY	1.0000, 0.7333, 0.8039
CMYK	1.00, 0.00, 0.26, 0.73
HSL	164°, 100%, 13%
HSV	164°, 100%, 27%
XYZ	2.6429, 4.3645, 3.7208
YIQ	45.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

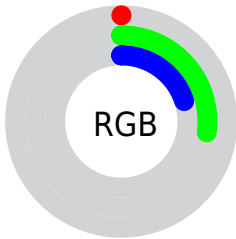
Format	Color
RYB	0, 39, 68
Decimal	17458
CIELab	24.84, -24.56, 5.52
CIELCh	25, 25.176, 167.345
Yxy	4.3647, 0.2463, 0.4068
Android (android.graphics.Color)	4278207538 (0xFF004432)
YUV	45.6160, 2.1613, -40.0052
Hunter-Lab	20.8915, -13.9792, 4.0645

Details

The HunterLab color **20.8915, -13.9792, 4.0645** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.2815, 19.7060, 4.2884**, and the grayscale version is **16.4041, -0.8753, 0.8913**.

A 20% lighter version of the original color is **38.0350, -18.6100, 5.8607**, and **8.6334, -7.1313, 4.6034** is the 20% darker color. If you saturate the color by 10%, you get **20.8919, -13.9796, 4.0648**, and if you desaturate by 10%, it is **21.0344, -13.3230, 3.6367**.

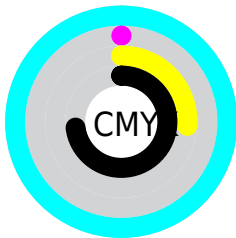
Distribution



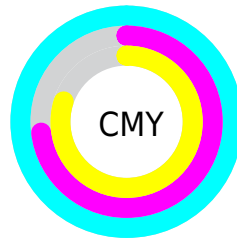
- Red (0%)
- Green (27%)
- Blue (20%)



- Red (0%)
- Yellow (15%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8915, -13.9792, 4.0645 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 20.8915, -13.9792, 4.0645 by changing the saturation by 10% instead.

■ 20.8915, -13.9792,
4.0645

■ 20.8915, -13.9792,
4.0645

■ 119.7940,
-31.8155, 12.0557

■ 13.7099, -11.3903,
3.2246

■ 37.9858, -18.4952,
5.7360

■ 7.3217, -12.8130,
3.5212

■ 47.7257, -20.5605,
6.5861

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.1796, -22.5454,
7.4516

0.0000, NaN, NaN

■ 69.3019, -24.4708,
8.3344

0.0000, NaN, NaN

■ 81.0545, -26.3511,
9.2356

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.4052, -28.1970,

10.1561

0.0000, NaN, NaN

■ 106.3265,
-30.0164, 11.0960

■ 20.8915, -13.9792,
4.0645

■ 20.8915, -13.9792,
4.0645

■ 20.8919, -13.9796,
4.0648

■ 21.0344, -13.3230,
3.6367

■ 21.1831, -12.6442,
3.2001

■ 21.3707, -11.8133,
2.7936

■ 21.6047, -10.8065,
2.4282

■ 21.8868, -9.6232,
2.1089

■ 22.2184, -8.2668,
1.8397

■ 22.6001, -6.7440,
1.6235

■ 23.0318, -5.0645,
1.4621

■ 23.5132, -3.2396,
1.3564

Harmonies

Analogous

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



20.8919, -11.1647, 8.7563



20.8915, -13.9792, 4.0645



20.8919, -13.7400, -3.6514

Triad

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



20.8919, -13.9793, 4.0647



20.8919, 3.6137, -17.9193



20.8919, 10.2189, 9.2239

Complementary

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



20.8915, -13.9792, 4.0645



11.2815, 19.7060, 4.2884

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.



20.8919, 15.4713, 5.0065



20.8915, -13.9792, 4.0645



20.8919, 11.2856, -11.2310

Square

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



20.8919, -13.9793, 4.0647



20.8919, -4.3442, -18.4736



20.8919, 15.8884, -2.2868



20.8919, 2.3212, 10.9006

Rectangle

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



20.8915, -13.9792, 4.0645



20.8919, -11.8830, -9.6788



20.8919, 15.8884, -2.2868



20.8919, 12.4003, 8.1468

Sweetspot

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



20.8919, -13.9793, 4.0647



29.7282, -9.1595, 2.1728



20.6502, -16.0907, 12.4427



15.4166, -4.9804, 1.1582



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



20.8919, -13.9793, 4.0647



27.5234, -18.5566, 5.6566



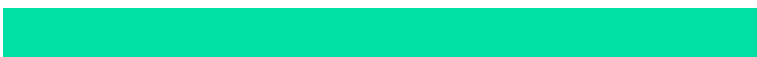
16.9866, -5.7940, -8.7236



12.1465, -1.5191, 0.6926



29.9818, -20.2542, 6.2485



74.9954, -51.3771, 17.1708

Inverse Universe

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



11.2815, 19.7060, 4.2884



14.8346, 25.8387, 6.2205



12.6321, 14.1722, 8.0316



11.5907, 0.2859, 0.6172



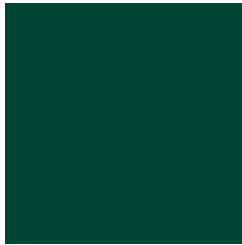
16.1522, 28.1132, 6.9323



40.2880, 69.7886, 19.8770

Previews

White Background



This preview shows how the HunterLab color 20.8915, -13.9792, 4.0645 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 20.8915, -13.9792, 4.0645 Background



This preview shows how black text looks on a background with the HunterLab color 20.8915, -13.9792, 4.0645.



This preview shows how white text looks on a background with the HunterLab color 20.8915,

-13.9792, 4.0645.

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

20.8915, -13.9792, 4.0645

Protanopia

20.9331, -1.6118, 5.5497

Deuteranopia

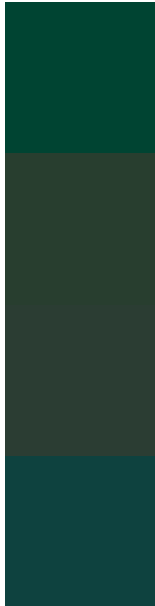
20.9836, 1.2765, 3.7727



Tritanopia

20.9907, -8.1738, -4.0467

Trichromacy



Original Color

20.8915, -13.9792, 4.0645

Protanomaly

20.2524, -8.0240, 4.4658

Deuteranomaly

20.2240, -6.5962, 3.1646

Tritanomaly

20.8535, -10.5874, -0.7059

Monochromacy



Original Color

20.8915, -13.9792, 4.0645

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.6204, -7.1414, 1.6834

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8915, -13.9792, 4.0645 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8915, -13.9792, 4.0645 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, 50) }
```


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

```
.border{ border-color:rgb(0, 68, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 68, 50); box-shadow:4px  
4px 4px 4px rgb(0, 68, 50) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.8915, -13.9792, 4.0645 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, 50) }
```

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

```
.background{ background-color: rgb(0, 68,  
50) }
```

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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