

Converting Colors

HunterLab(20.0018, -15.2902,
8.0067)

Have a look what the booklet for
HunterLab(20.0018, -15.2902,
8.0067) contains.

HunterLab(20.0018, -15.2902, 8.0067)	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(20.0018,
-15.2902, 8.0067)**

Conversions

Conversions Part 1

Format	Color
Hex	004220
RGB	0, 66, 32
RGB Percent	0%, 26%, 13%
CMY	1.0000, 0.7412, 0.8745
CMYK	1.00, 0.00, 0.52, 0.74
HSL	149°, 100%, 13%
HSV	149°, 100%, 26%
XYZ	2.2089, 4.0007, 2.0223
YIQ	42.3900, -28.4220, -24.5660

Conversions

Conversions Part 2

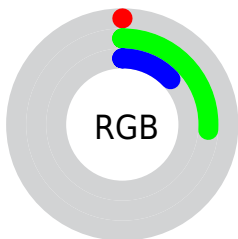
Format	Color
RYB	0, 44, 66
Decimal	16928
CIELab	23.67, -28.32, 15.44
CIELCh	24, 32.255, 151.405
Yxy	4.0009, 0.2683, 0.4860
Android (android.graphics.Color)	4278207008 (0xFF004220)
YUV	42.3900, -5.1223, -37.1760
Hunter-Lab	20.0018, -15.2902, 8.0067

Details

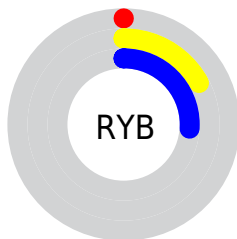
The HunterLab color **20.0018, -15.2902, 8.0067** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.2864, 20.3510, -0.6399**, and the grayscale version is **15.3667, -0.8199, 0.8349**.

A 20% lighter version of the original color is **36.9691, -20.4796, 11.1613**, and **7.3235, -6.2799, 4.4027** is the 20% darker color. If you saturate the color by 10%, you get **20.0022, -15.2906, 8.0070**, and if you desaturate by 10%, it is **20.1567, -14.5495, 7.3962**.

Distribution



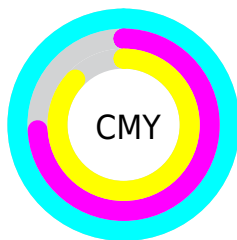
- Red (0%)
- Green (26%)
- Blue (13%)



- Red (0%)
- Yellow (17%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0018, -15.2902, 8.0067 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 20.0018, -15.2902, 8.0067 by changing the saturation by 10% instead.

■ 20.0018, -15.2902,
8.0067

■ 20.0018, -15.2902,
8.0067

■ 118.1937,
-35.2757, 21.1733

■ 12.9385, -12.3300,
6.4496

■ 36.8973, -20.4552,
11.2023

■ 6.3779, -11.1613,
4.4645

■ 46.5503, -22.7886,
12.6946

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9234, -25.0168,
14.1478

0.0000, NaN, NaN

■ 67.9697, -27.1662,
15.5750

0.0000, NaN, NaN

■ 79.6504, -29.2551,
16.9855


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.9328, -31.2967,


18.3857


0.0000, NaN, NaN


 104.7887,
-33.3010, 19.7804


 20.0018, -15.2902,
8.0067


 20.0018, -15.2902,
8.0067


 20.0022, -15.2906,
8.0070

 20.1567, -14.5495,
7.3962

 20.3196, -13.7718,
6.7293

 20.5228, -12.8287,
6.0385

 20.7741, -11.6950,
5.3362

 21.0754, -10.3723,
4.6300

■ 21.4274, -8.8670,
3.9269

■ 21.8305, -7.1886,
3.2336

■ 22.2845, -5.3493,
2.5561

■ 22.7886, -3.3631,
1.8995

Harmonies

Analogous

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



20.0022, -10.1231, 11.2478



20.0018, -15.2902, 8.0067



20.0022, -16.8727, 0.6357

Triad

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



20.0022, -15.2904, 8.0068



20.0022, -0.5954, -27.1333



20.0022, 18.1010, 8.4600

Complementary

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



20.0018, -15.2902, 8.0067



11.2864, 20.3510, -0.6399

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.



20.0022, 21.9754, 1.5315



20.0018, -15.2902, 8.0067



20.0022, 9.9533, -21.6184

Square

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



20.0022, -15.2904, 8.0068



20.0022, -9.4542, -22.5066



20.0022, 18.7381, -9.7755



20.0022, 8.9769, 11.4117

Rectangle

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



20.0018, -15.2902, 8.0067



20.0022, -15.9905, -6.7908



20.0022, 18.7381, -9.7755



20.0022, 20.1328, 6.6739

Sweetspot

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



20.0022, -15.2904, 8.0068



28.6971, -9.7766, 4.3805



20.5874, -13.3866, 12.4514



14.5595, -5.1695, 2.3068



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.0022, -15.2904, 8.0068



26.3350, -20.3127, 10.9327



20.6812, -11.1656, -1.7462



12.1280, -1.6219, 0.9571



29.5567, -22.8678, 12.4216



73.9097, -58.0653, 32.9656

Inverse Universe

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



11.2864, 20.3510, -0.6399



14.8280, 26.6538, -0.1882



10.7738, 18.4721, 6.7881



11.6097, 0.3881, 0.3472



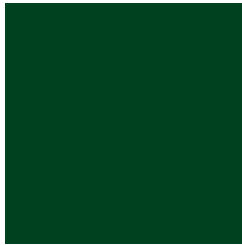
16.6297, 29.8595, 0.0440



41.4282, 73.9684, 3.3496

Previews

White Background



This preview shows how the HunterLab color 20.0018, -15.2902, 8.0067 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 20.0018, -15.2902, 8.0067 Background



This preview shows how black text looks on a background with the HunterLab color 20.0018, -15.2902, 8.0067.



This preview shows how white text looks on a background with the HunterLab color 20.0018,

-15.2902, 8.0067.

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

20.0018, -15.2902, 8.0067

Protanopia

20.1785, -2.2742, 8.9787

Deuteranopia

20.0621, 1.1639, 7.6833



Tritanopia

20.1424, -7.4526, -3.3496

Trichromacy



Original Color

20.0018, -15.2902, 8.0067

Protanomaly

19.4334, -8.9762, 8.0702

Deuteranomaly

19.1757, -7.1163, 7.0122

Tritanomaly

19.8280, -10.7793, 1.5933

Monochromacy



Original Color

20.0018, -15.2902, 8.0067

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.5548, -7.5606, 3.5012

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0018, -15.2902, 8.0067 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, 32)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 32)  
}
```

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, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0018, -15.2902, 8.0067 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, 32) }
```


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

```
.border{ border-color:rgb(0, 66, 32) }
```

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, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 32); box-shadow:4px  
4px 4px 4px rgb(0, 66, 32) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.0018, -15.2902, 8.0067 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, 32) }
```

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

```
.background{ background-color: rgb(0, 66,  
32) }
```

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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