

Converting Colors

HunterLab(20.2401, -11.0883,
8.2969)

Have a look what the booklet for
HunterLab(20.2401, -11.0883,
8.2969) contains.

HunterLab(20.3185, -11.0711, 8.3388)	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(20.3185,
-11.0711, 8.3388)**

Conversions

Conversions Part 1

Format	Color
Hex	234020
RGB	35, 64, 32
RGB Percent	14%, 25%, 13%
CMY	0.8627, 0.7490, 0.8745
CMYK	0.45, 0.00, 0.50, 0.75
HSL	114°, 33%, 19%
HSV	114°, 50%, 25%
XYZ	2.7873, 4.1284, 2.0165
YIQ	51.6810, -7.0120, -16.1000

Conversions

Conversions Part 2

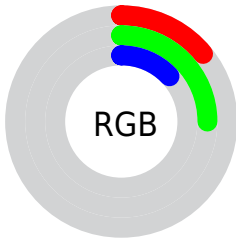
Format	Color
RYB	32, 64, 61
Decimal	2310176
CIELab	24.09, -18.62, 16.21
CIELCh	24, 24.688, 138.962
Yxy	4.1286, 0.3120, 0.4622
Android (android.graphics.Color)	4280500256 (0xFF234020)
YUV	51.6810, -9.7027, -14.6292
Hunter-Lab	20.3185, -11.0711, 8.3388

Details

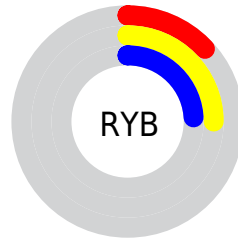
The HunterLab color **20.3185, -11.0711, 8.3388** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.4772, 11.7423, -8.8395**, and the grayscale version is **18.4573, -0.9848, 1.0028**.

A 20% lighter version of the original color is **37.2471, -14.7335, 11.5173**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.0098, -12.4669, 9.2847**, and if you desaturate by 10%, it is **20.6805, -9.4652, 7.2225**.

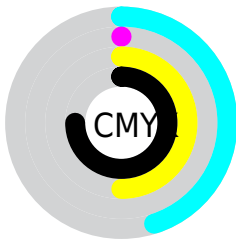
Distribution



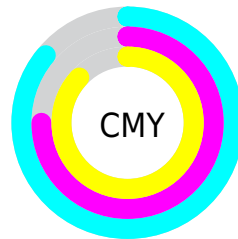
- Red (14%)
- Green (25%)
- Blue (13%)



- Red (13%)
- Yellow (25%)
- Blue (24%)



- Cyan (45%)
- Magenta (0%)
- Yellow (50%)
- Black (75%)



- Cyan (86%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3185, -11.0711, 8.3388 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 20.3185, -11.0711, 8.3388 by changing the saturation by 10% instead.

■ 20.3185, -11.0711,
8.3388

■ 20.3185, -11.0711,
8.3388

■ 118.7652,
-25.7581, 21.9145

■ 13.2127, -9.0406,
6.7116

■ 37.2854, -14.6773,
11.6514

■ 6.7307, -11.7787,
4.7115

■ 46.9696, -16.3539,
13.1943

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.3717, -17.9808,
14.6942

0.0000, NaN, NaN

■ 68.4452, -19.5726,
16.1650

0.0000, NaN, NaN

■ 80.1517, -21.1398,
17.6164

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.4586, -22.6897,

■ 105.3379,
-24.2277, 20.4867

■ 20.3185, -11.0711,
8.3388

■ 20.3185, -11.0711,
8.3388

■ 20.0098, -12.4669,
9.2847

■ 20.6805, -9.4652,
7.2225

■ 19.7524, -13.6435,
10.0561

■ 21.0946, -7.6602,
5.9426

■ 19.5456, -14.5983,
10.6536

■ 21.5604, -5.6710,
4.5092

■ 19.3848, -15.3470,
11.1140

■ 22.0772, -3.5144,
2.9341

■ 19.2501, -15.9902,
11.5819

■ 22.6433, -1.2080,
1.2301

■ 19.2501, -15.9902,
11.5819

■ 23.2573, 1.2304,
-0.5893

■ 23.9171, 3.7836,
-2.5109

■ 24.6208, 6.4355,
-4.5222

■ 25.3662, 9.1711,
-6.6111

Harmonies

Analogous

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



20.3189, -5.6666, 10.4137



20.3185, -11.0711, 8.3388



20.3189, -13.6480, 3.6171

Triad

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



20.3189, -11.0715, 8.3390



20.3189, -3.8373, -18.0890



20.3189, 14.8602, 5.1634

Complementary

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



20.3185, -11.0711, 8.3388



15.4772, 11.7423, -8.8395

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.



20.3189, 15.5441, -1.7731



20.3185, -11.0711, 8.3388



20.3189, 3.9418, -17.1808

Square

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



20.3189, -11.0715, 8.3390



20.3189, -9.9041, -12.6070



20.3189, 11.3026, -10.4545



20.3189, 9.5533, 9.1076

Rectangle

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



20.3185, -11.0711, 8.3388



20.3189, -13.7167, -1.2074



20.3189, 11.3026, -10.4545



20.3189, 15.6651, 3.1758

Sweetspot

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



20.3189, -11.0715, 8.3390



28.6895, -6.2679, 5.0648



21.2383, -3.2683, 9.2147



15.0268, -3.4239, 2.7562



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.



20.3189, -11.0715, 8.3390



26.2622, -16.8707, 12.5285



20.4010, -10.3365, 5.2331



12.1127, -1.7456, 1.4748



29.3079, -24.6176, 17.6284



73.2710, -62.2695, 44.0591

Inverse Universe

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



15.4772, 11.7423, -8.8395



18.5672, 19.6889, -15.0963



15.3751, 10.6277, -2.5075



11.6256, 0.5181, -0.2216



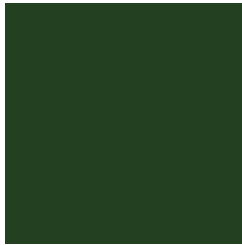
17.1087, 34.3327, -27.9641



42.6052, 85.6452, -70.7818

Previews

White Background



This preview shows how the HunterLab color 20.3185, -11.0711, 8.3388 looks on a white background.

Color Contrast Check

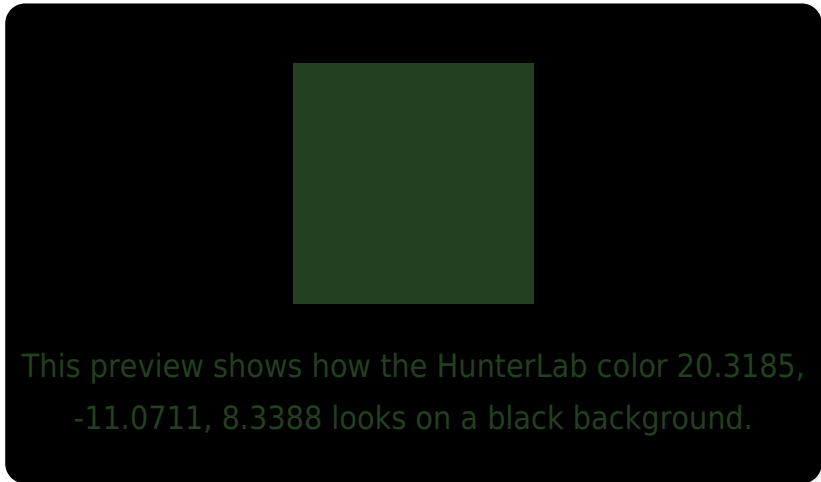
Large Text (above 18pt) WCAG AA ✓ Pass

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

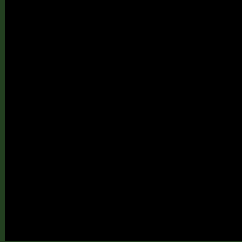
Any Text WCAG AA × Fail

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 20.3185, -11.0711, 8.3388 Background



This preview shows how black text looks on a background with the HunterLab color 20.3185, -11.0711, 8.3388.



This preview shows how white text looks on a background with the HunterLab color 20.3185,

-11.0711, 8.3388.

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

20.3185, -11.0711, 8.3388

Protanopia

20.1910, -2.2053, 8.7961

Deuteranopia

20.2807, 0.6754, 8.0844



Tritanopia

20.2623, -4.4071, -2.2252

Trichromacy



Original Color

20.3185, -11.0711, 8.3388

Protanomaly

20.2176, -5.9684, 8.5519

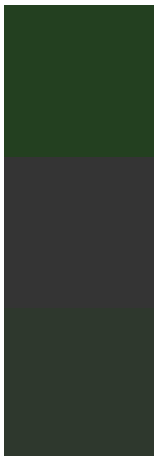
Deuteranomaly

20.0144, -4.0340, 7.9998

Tritanomaly

20.0646, -7.1070, 2.2865

Monochromacy



Original Color

20.3185, -11.0711, 8.3388

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.9701, -4.8322, 3.8454

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3185, -11.0711, 8.3388 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(35, 64, 32)` looks like.

```
.text, #text, p{  
    color:rgb(35, 64, 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(35, 64, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 64, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3185, -11.0711, 8.3388 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(35, 64, 32) }
```


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

```
.border{ border-color:rgb(35, 64, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 64, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 64, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 64, 32);  
box-shadow:4px 4px 4px 4px rgb(35, 64, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3185, -11.0711, 8.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 64, 32) }
```

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

```
.background{ background-color: rgb(35, 64,  
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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