

Converting Colors

HunterLab(20.3799, -11.7271,
4.2176)

Have a look what the booklet for
HunterLab(20.3799, -11.7271,
4.2176) contains.

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Color

**HunterLab(20.3799,
-11.7271, 4.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	154130
RGB	21, 65, 48
RGB Percent	8%, 25%, 19%
CMY	0.9176, 0.7451, 0.8118
CMYK	0.68, 0.00, 0.26, 0.75
HSL	157°, 51%, 17%
HSV	157°, 68%, 25%
XYZ	2.7330, 4.1534, 3.4539
YIQ	49.9060, -20.7670, -14.6150

Conversions

Conversions Part 2

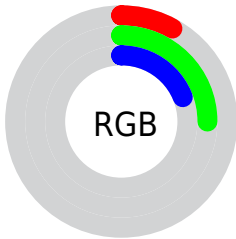
Format	Color
R_{YB}	21, 48, 65
Decimal	1392944
CIE _{Lab}	24.17, -19.97, 5.95
CIE _{LCh}	24, 20.843, 163.409
Yxy	4.1536, 0.2643, 0.4017
Android (android.graphics.Color)	4279583024 (0xFF154130)
YUV	49.9060, -0.9397, -25.3506
Hunter-Lab	20.3799, -11.7271, 4.2176

Details

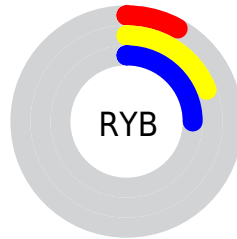
The HunterLab color **20.3799, -11.7271, 4.2176** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.4171, 13.7460, 0.4044**, and the grayscale version is **17.8364, -0.9517, 0.9691**.

A 20% lighter version of the original color is **37.2607, -15.4814, 5.8384**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.1777, -12.6424, 4.7712**, and if you desaturate by 10%, it is **20.6285, -10.6378, 3.6844**.

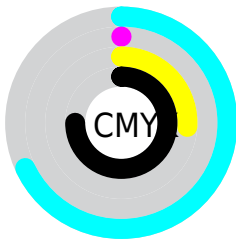
Distribution



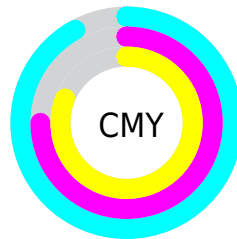
- Red (8%)
- Green (25%)
- Blue (19%)



- Red (8%)
- Yellow (19%)
- Blue (25%)



- Cyan (68%)
- Magenta (0%)
- Yellow (26%)
- Black (75%)



- Cyan (92%)
- Magenta (75%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3799, -11.7271, 4.2176 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 20.3799, -11.7271, 4.2176 by changing the saturation by 10% instead.

■ 20.3799, -11.7271,
4.2176

■ 20.3799, -11.7271,
4.2176

■ 118.8757,
-27.1315, 12.4153

■ 13.2659, -9.5677,
3.3379

■ 37.3605, -15.5414,
5.9508

■ 6.7967, -11.8942,
3.9996

■ 47.0507, -17.3066,
6.8266

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4584, -19.0150,
7.7155

0.0000, NaN, NaN

■ 68.5372, -20.6827,
8.6198

0.0000, NaN, NaN

■ 80.2486, -22.3211,
9.5413

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.5602, -23.9382,

105.4441,
-25.5401, 11.4386

20.3799, -11.7271,
4.2176

20.3799, -11.7271,
4.2176

20.1777, -12.6424,
4.7712

20.6285, -10.6378,
3.6844

20.0165, -13.3934,
5.3362

20.9239, -9.3755,
3.1770

19.8666, -14.0999,
5.8789

21.2672, -7.9460,
2.7007

19.8322, -14.2622,
5.9995

21.6589, -6.3579,
2.2598

22.0985, -4.6218,
1.8578

■ 22.5856, -2.7502,
1.4973

■ 23.1191, -0.7563,
1.1798

■ 23.6976, 1.3463,
0.9061

■ 24.3197, 3.5444,
0.6765

Harmonies

Analogous

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



20.3803, -8.9787, 7.9891



20.3799, -11.7271, 4.2176



20.3803, -11.8675, -1.8417

Triad

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



20.3803, -11.7273, 4.2178



20.3803, 1.8885, -14.1563



20.3803, 8.7984, 7.7000

Complementary

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



20.3799, -11.7271, 4.2176



13.4171, 13.7460, 0.4044

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.



20.3803, 12.5346, 3.6760



20.3799, -11.7271, 4.2176



20.3803, 8.2211, -9.5430

Square

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



20.3803, -11.7273, 4.2178



20.3803, -4.5326, -13.8719



20.3803, 12.3110, -2.5819



20.3803, 2.6007, 9.5252

Rectangle

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



20.3799, -11.7271, 4.2176



20.3803, -10.4991, -6.5739



20.3803, 12.3110, -2.5819



20.3803, 10.4166, 6.6255

Sweetspot

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



20.3803, -11.7273, 4.2178



28.4844, -6.7257, 2.5690



20.6360, -11.4833, 10.4763



14.9146, -3.6741, 1.3810



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.



20.3803, -11.7273, 4.2178



26.0339, -17.0743, 6.6829



19.5861, -7.7463, -3.2061



12.1374, -1.5693, 0.8218



29.7514, -21.6653, 9.5824



74.3995, -55.0346, 25.8110

Inverse Universe

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



13.4171, 13.7460, 0.4044



15.5932, 21.6887, 1.5431



13.7497, 10.6222, 5.5989



11.5999, 0.3352, 0.4868



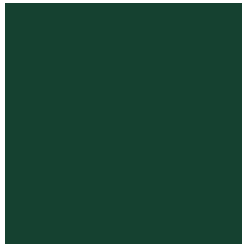
16.3470, 28.8288, 4.0974



40.7364, 71.4396, 13.3212

Previews

White Background



This preview shows how the HunterLab color 20.3799, -11.7271, 4.2176 looks on a white background.

Color Contrast Check

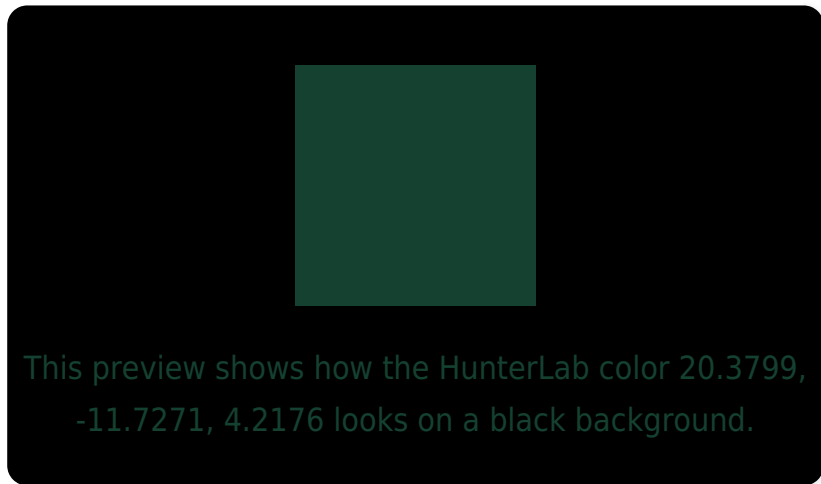
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3799, -11.7271, 4.2176 Background



This preview shows how black text looks on a background with the HunterLab color 20.3799, -11.7271, 4.2176.



This preview shows how white text looks on a background with the HunterLab color 20.3799,

-11.7271, 4.2176.

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

20.3799, -11.7271, 4.2176

Protanopia

20.2490, -1.5655, 5.4727

Deuteranopia

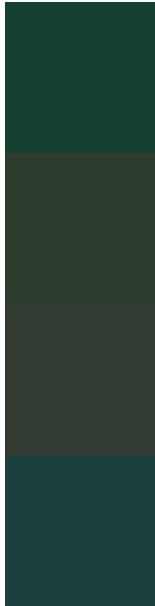
20.3000, 1.3063, 3.7182



Tritanopia

20.3072, -6.7705, -3.5725

Trichromacy



Original Color

20.3799, -11.7271, 4.2176

Protanomaly

20.0051, -6.3113, 4.8587

Deuteranomaly

20.0694, -4.5812, 3.7022

Tritanomaly

20.2770, -8.6721, -0.5664

Monochromacy



Original Color

20.3799, -11.7271, 4.2176

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.3996, -5.4503, 1.8791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3799, -11.7271, 4.2176 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(21, 65, 48)` looks like.

```
.text, #text, p{  
    color:rgb(21, 65, 48)  
}
```

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(21, 65, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 65, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3799, -11.7271, 4.2176 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(21, 65, 48) }
```


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

```
.border{ border-color:rgb(21, 65, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 65, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 65, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 65, 48);  
box-shadow:4px 4px 4px 4px rgb(21, 65, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3799, -11.7271, 4.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 65, 48) }
```

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

```
.background{ background-color: rgb(21, 65,  
48) }
```

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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