

Converting Colors

HunterLab(20.2490, -15.0634,
11.3893)

Have a look what the booklet for
HunterLab(20.2490, -15.0634,
11.3893) contains.

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Color

**HunterLab(20.1670,
-15.0100, 11.3198)**

Conversions

Conversions Part 1

Format	Color
Hex	14420A
RGB	20, 66, 10
RGB Percent	8%, 26%, 4%
CMY	0.9216, 0.7412, 0.9608
CMYK	0.70, 0.00, 0.85, 0.74
HSL	109°, 74%, 15%
HSV	109°, 85%, 26%
XYZ	2.2915, 4.0671, 0.9514
YIQ	45.8620, -9.4400, -27.1680

Conversions

Conversions Part 2

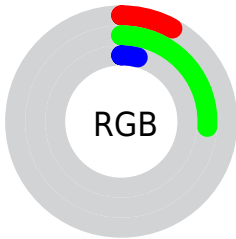
Format	Color
RYB	10, 66, 56
Decimal	1327626
CIELab	23.89, -27.51, 27.58
CIELCh	24, 38.954, 134.918
Yxy	4.0673, 0.3135, 0.5564
Android (android.graphics.Color)	4279517706 (0xFF14420A)
YUV	45.8620, -17.6800, -22.6810
Hunter-Lab	20.1670, -15.0100, 11.3198

Details

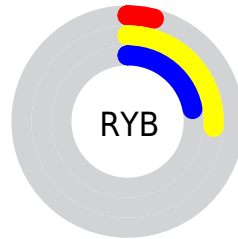
The HunterLab color **20.1670, -15.0100, 11.3198** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.0472, 19.2643, -17.6069**, and the grayscale version is **16.5426, -0.8827, 0.8988**.

A 20% lighter version of the original color is **37.2144, -20.1800, 16.6173**, and **7.5751, -6.4956, 4.5540** is the 20% darker color. If you saturate the color by 10%, you get **20.0053, -15.7619, 11.7617**, and if you desaturate by 10%, it is **20.3664, -14.1003, 10.8061**.

Distribution



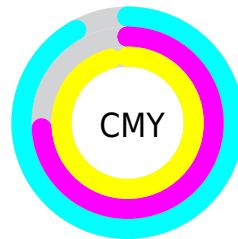
- Red (8%)
- Green (26%)
- Blue (4%)



- Red (4%)
- Yellow (26%)
- Blue (22%)



- Cyan (70%)
- Magenta (0%)
- Yellow (85%)
- Black (74%)



- Cyan (92%)
- Magenta (74%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1670, -15.0100, 11.3198 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 20.1670, -15.0100, 11.3198 by changing the saturation by 10% instead.

■ 20.1670, -15.0100,
11.3198

■ 20.1670, -15.0100,
11.3198

■ 118.4921,
-34.5255, 31.3769

■ 13.0815, -12.1080,
9.1570

■ 37.0998, -20.0330,
16.5423

■ 6.5645, -11.4879,
4.5952

■ 46.7691, -22.3077,
18.8957

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.1574, -24.4828,
21.1360

0.0000, NaN, NaN

■ 68.2179, -26.5831,
23.2906

0.0000, NaN, NaN

■ 79.9121, -28.6264,
25.3793

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.2073, -30.6252,


27.4163


0.0000, NaN, NaN


 105.0754,
-32.5892, 29.4127


 20.1670, -15.0100,
11.3198


 20.1670, -15.0100,
11.3198


 20.0053, -15.7619,
11.7617


 20.3664, -14.1003,
10.8061

 19.9329, -16.1047,
12.0006

 20.6111, -12.9863,
10.1106

 20.9026, -11.6697,
9.2291

 21.2418, -10.1564,
8.1620

 21.6286, -8.4554,
6.9135

■ 22.0629, -6.5786,
5.4907

■ 22.5438, -4.5396,
3.9035

■ 23.0704, -2.3533,
2.1630

■ 23.6412, -0.0349,
0.2816

Harmonies

Analogous

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



20.1674, -6.7213, 13.3870



20.1670, -15.0100, 11.3198



20.1674, -18.9770, 6.0471

Triad

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



20.1674, -15.0103, 11.3199



20.1674, -6.7783, -34.0706



20.1674, 26.6711, 6.0026

Complementary

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



20.1670, -15.0100, 11.3198



12.0472, 19.2643, -17.6069

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.



20.1674, 26.6455, -5.5481



20.1670, -15.0100, 11.3198



20.1674, 5.2652, -34.1099

Square

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



20.1674, -15.0103, 11.3199



20.1674, -15.0435, -21.6007



20.1674, 18.1090, -21.6885



20.1674, 18.1724, 11.3037

Rectangle

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



20.1670, -15.0100, 11.3198



20.1674, -19.4098, -0.8922



20.1674, 18.1090, -21.6885



20.1674, 27.7142, 2.9036

Sweetspot

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



20.1674, -15.0103, 11.3199



29.0021, -8.9902, 7.4820



19.9573, -1.8051, 11.4127



14.7197, -4.7559, 3.9459



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.



20.1674, -15.0103, 11.3199



26.2174, -21.4460, 15.7796



20.1090, -14.9526, 8.9389



12.1303, -1.6828, 1.4954



29.4158, -24.1585, 17.7029



73.4704, -61.4184, 44.1969

Inverse Universe

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



12.0472, 19.2643, -17.6069



14.2520, 29.2007, -27.9510



12.6137, 18.8868, -5.1776



11.6058, 0.4512, -0.2476



15.9666, 32.7369, -31.4932



39.5419, 81.3816, -80.3776

Previews

White Background



This preview shows how the HunterLab color 20.1670, -15.0100, 11.3198 looks on a white background.

Color Contrast Check

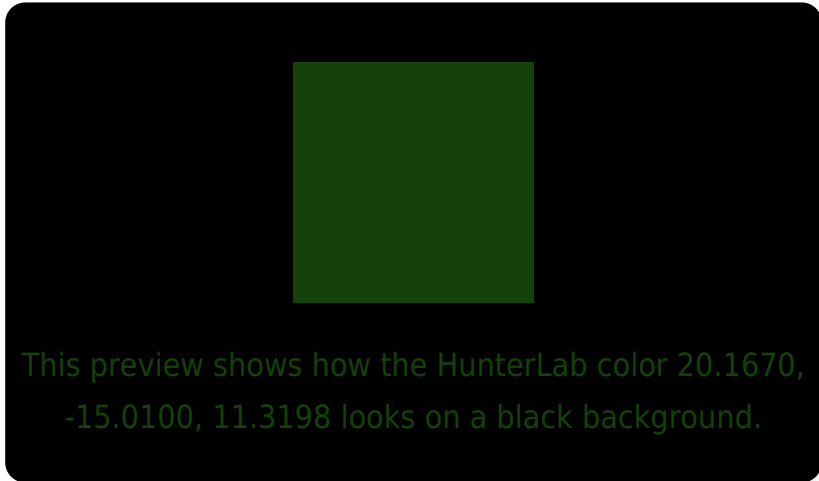
Large Text (above 18pt) WCAG AA ✓ Pass

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

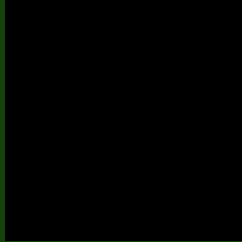
Any Text WCAG AA × Fail

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 20.1670, -15.0100, 11.3198 Background



This preview shows how black text looks on a background with the HunterLab color 20.1670, -15.0100, 11.3198.



This preview shows how white text looks on a background with the HunterLab color 20.1670,

-15.0100, 11.3198.

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

20.1670, -15.0100, 11.3198

Protanopia

20.0788, -2.9933, 11.7265

Deuteranopia

20.0459, 0.7059, 10.7961



Tritanopia

20.1350, -6.1645, -2.8782

Trichromacy



Original Color

20.1670, -15.0100, 11.3198

Protanomaly

19.6917, -8.3666, 11.2958

Deuteranomaly

19.4625, -6.4670, 10.6138

Tritanomaly

19.9979, -10.4540, 4.4762

Monochromacy



Original Color

20.1670, -15.0100, 11.3198

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.4623, -6.9404, 5.7534

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1670, -15.0100, 11.3198 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(20, 66, 10)` looks like.

```
.text, #text, p{  
    color:rgb(20, 66, 10)  
}
```

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(20, 66, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 66, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1670, -15.0100, 11.3198 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(20, 66, 10) }
```


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

```
.border{ border-color:rgb(20, 66, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 66, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 66, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 66, 10);  
box-shadow:4px 4px 4px 4px rgb(20, 66, 10)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1670, -15.0100, 11.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 66, 10) }
```

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

```
.background{ background-color: rgb(20, 66,  
10) }
```

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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