

Converting Colors

HunterLab(20.1504, -11.2123,
8.0333)

Have a look what the booklet for
HunterLab(20.1504, -11.2123,
8.0333) contains.

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Color

**HunterLab(20.2483,
-11.3230, 8.0655)**

Conversions

Conversions Part 1

Format	Color
Hex	214021
RGB	33, 64, 33
RGB Percent	13%, 25%, 13%
CMY	0.8706, 0.7490, 0.8706
CMYK	0.48, 0.00, 0.48, 0.75
HSL	120°, 32%, 19%
HSV	120°, 48%, 25%
XYZ	2.7351, 4.0999, 2.0861
YIQ	51.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

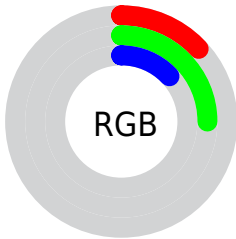
Format	Color
R_{YB}	33, 64, 64
Decimal	2179105
CIE _{Lab}	24.00, -19.19, 15.45
CIE _{LCh}	24, 24.636, 141.167
Yxy	4.1001, 0.3066, 0.4596
Android (android.graphics.Color)	4280369185 (0xFF214021)
YUV	51.1970, -8.9711, -15.9588
Hunter-Lab	20.2483, -11.3230, 8.0655

Details

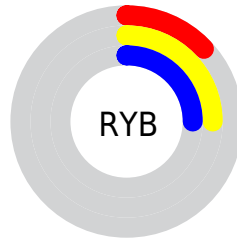
The HunterLab color **20.2483, -11.3230, 8.0655** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.9623, 12.1417, -7.9685**, and the grayscale version is **18.2925, -0.9760, 0.9939**.

A 20% lighter version of the original color is **37.2074, -14.8473, 11.1815**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **19.9295, -12.7699, 9.0436**, and if you desaturate by 10%, it is **20.6284, -9.6358, 6.9249**.

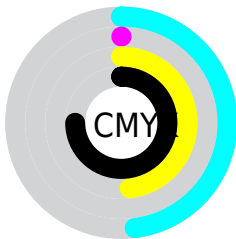
Distribution



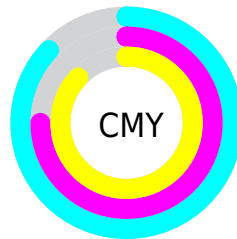
- Red (13%)
- Green (25%)
- Blue (13%)



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



- Cyan (48%)
- Magenta (0%)
- Yellow (48%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2483, -11.3230, 8.0655 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 20.2483, -11.3230, 8.0655 by changing the saturation by 10% instead.

■ 20.2483, -11.3230,
8.0655

■ 20.2483, -11.3230,
8.0655

■ 118.6387,
-26.3167, 21.2274

■ 13.1519, -9.2355,
6.4676

■ 37.1994, -15.0195,
11.2567

■ 6.6542, -11.6449,
4.6580

■ 46.8767, -16.7341,
12.7481

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2724, -18.3958,
14.2008

0.0000, NaN, NaN

■ 68.3399, -20.0199,
15.6280

0.0000, NaN, NaN

■ 80.0407, -21.6173,
17.0386

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.3422, -23.1956,

105.2163,
-24.7606, 19.8342

20.2483, -11.3230,
8.0655

20.2483, -11.3230,
8.0655

19.9295, -12.7699,
9.0436

20.6284, -9.6358,
6.9249

19.6698, -13.9664,
9.8526

21.0686, -7.7215,
5.6311

19.4677, -14.9105,
10.4910

21.5688, -5.5988,
4.1966

19.3156, -15.6280,
10.9762

22.1275, -3.2881,
2.6354

19.1719, -16.3126,
11.4391

22.7431, -0.8114,
0.9622

■ 19.1493, -16.4205,
11.5121

■ 23.4134, 1.8099,
-0.8082

■ 24.1360, 4.5546,
-2.6617

■ 24.9085, 7.4036,
-4.5851

■ 25.7281, 10.3393,
-6.5666

Harmonies

Analogous

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



20.2487, -6.1292, 10.2972



20.2483, -11.3230, 8.0655



20.2487, -13.6751, 3.1375

Triad

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



20.2487, -11.3233, 8.0657



20.2487, -3.2936, -18.2013



20.2487, 14.5622, 5.5361

Complementary

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



20.2483, -11.3230, 8.0655



15.9623, 12.1417, -7.9685

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.



20.2487, 15.6212, -1.1691



20.2483, -11.3230, 8.0655



20.2487, 4.5149, -16.7962

Square

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



20.2487, -11.3233, 8.0657



20.2487, -9.5130, -13.1283



20.2487, 11.7140, -9.7965



20.2487, 9.0047, 9.2597

Rectangle

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



20.2483, -11.3230, 8.0655



20.2487, -13.5982, -1.8028



20.2487, 11.7140, -9.7965



20.2487, 15.4857, 3.6318

Sweetspot

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



20.2487, -11.3233, 8.0657



28.6100, -6.5579, 4.9759



22.0608, -4.4416, 9.6490



14.9830, -3.5839, 2.7076



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.



20.2487, -11.3233, 8.0657



26.1739, -17.1931, 12.1642



20.5131, -9.7526, 4.2295



12.0934, -1.8145, 1.4522



29.2077, -25.0456, 17.5591



73.1619, -62.7362, 43.9836

Inverse Universe

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



15.9623, 12.1417, -7.9685



19.3817, 20.2979, -13.4531



15.4768, 9.8478, -1.2120



11.6476, 0.5925, -0.1927



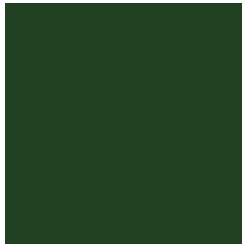
18.4311, 36.2360, -24.3080



46.1676, 90.7666, -60.8883

Previews

White Background



This preview shows how the HunterLab color 20.2483, -11.3230, 8.0655 looks on a white background.

Color Contrast Check

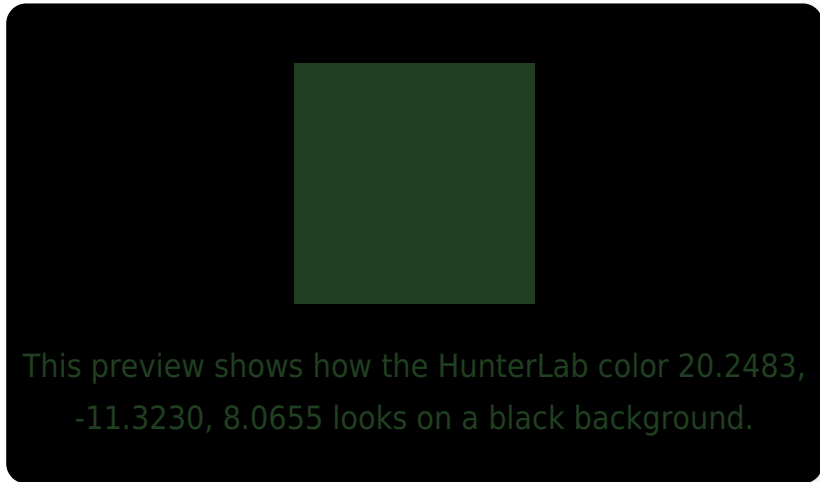
Large Text (above 18pt) WCAG AA ✓ Pass

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

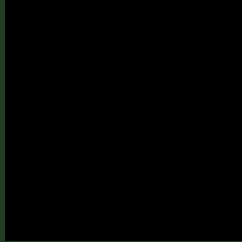
Any Text WCAG AA × Fail

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 20.2483, -11.3230, 8.0655 Background



This preview shows how black text looks on a background with the HunterLab color 20.2483, -11.3230, 8.0655.



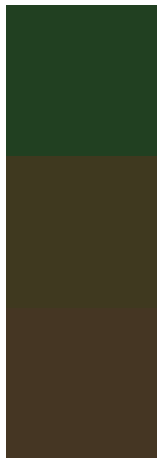
This preview shows how white text looks on a background with the HunterLab color 20.2483,

-11.3230, 8.0655.

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

20.2483, -11.3230, 8.0655

Protanopia

20.2038, -2.1342, 8.6080

Deuteranopia

20.0621, 1.1639, 7.6833



Tritanopia

20.1606, -4.7787, -2.3683

Trichromacy



Original Color

20.2483, -11.3230, 8.0655

Protanomaly

20.1645, -6.1398, 8.2998

Deuteranomaly

19.9558, -4.2183, 7.7265

Tritanomaly

19.9696, -7.4669, 2.1743

Monochromacy



Original Color

20.2483, -11.3230, 8.0655

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.8299, -5.3905, 4.0056

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2483, -11.3230, 8.0655 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(33, 64, 33)` looks like.

```
.text, #text, p{  
  color:rgb(33, 64, 33)  
}
```

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(33, 64, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 64, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2483, -11.3230, 8.0655 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(33, 64, 33) }
```


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

```
.border{ border-color:rgb(33, 64, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 64, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 64, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 64, 33);  
box-shadow:4px 4px 4px 4px rgb(33, 64, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.2483, -11.3230, 8.0655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 64, 33) }
```

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

```
.background{ background-color: rgb(33, 64,  
33) }
```

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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