

Converting Colors

HunterLab(20.0025, -12.4197,
11.0037)

Have a look what the booklet for
HunterLab(20.0025, -12.4197,
11.0037) contains.

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Color

**HunterLab(20.0479,
-12.5287, 11.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	21400D
RGB	33, 64, 13
RGB Percent	13%, 25%, 5%
CMY	0.8706, 0.7490, 0.9490
CMYK	0.48, 0.00, 0.80, 0.75
HSL	96°, 66%, 15%
HSV	96°, 80%, 25%
XYZ	2.5332, 4.0192, 1.0230
YIQ	48.9170, -2.1050, -22.4330

Conversions

Conversions Part 2

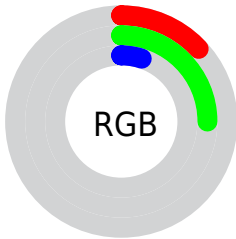
Format	Color
R_{YB}	13, 64, 44
Decimal	2179085
CIE Lab	23.74, -21.92, 26.31
CIE LCh	24, 34.240, 129.801
Yxy	4.0194, 0.3344, 0.5306
Android (android.graphics.Color)	4280369165 (0xFF21400D)
YUV	48.9170, -17.7071, -13.9592
Hunter-Lab	20.0479, -12.5287, 11.0080

Details

The HunterLab color **20.0479, -12.5287, 11.0080** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.9253, 15.3259, -19.3237**, and the grayscale version is **17.5556, -0.9367, 0.9538**.

A 20% lighter version of the original color is **36.9366, -16.5488, 16.0450**, and **7.3235, -6.2799, 4.4027** is the 20% darker color. If you saturate the color by 10%, you get **19.8601, -13.3691, 11.4377**, and if you desaturate by 10%, it is **20.2649, -11.5621, 10.4291**.

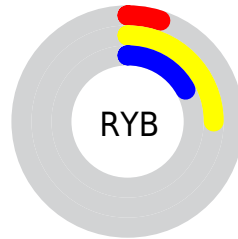
Distribution



Red (13%)

Green (25%)

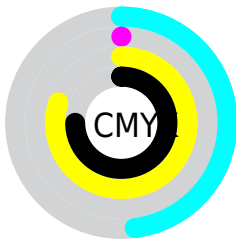
Blue (5%)



Red (5%)

Yellow (25%)

Blue (17%)

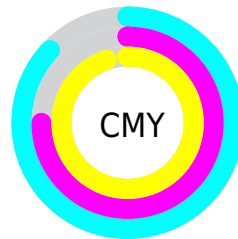


Cyan (48%)

Magenta (0%)

Yellow (80%)

Black (75%)



Cyan (87%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0479, -12.5287, 11.0080 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 20.0479, -12.5287, 11.0080 by changing the saturation by 10% instead.

■ 20.0479, -12.5287,
11.0080

■ 20.0479, -12.5287,
11.0080

■ 118.2770,
-28.9995, 30.3330

■ 12.9784, -10.1677,
9.0849

■ 36.9539, -16.6600,
16.0197

■ 6.4306, -11.2535,
4.5014

■ 46.6114, -18.5576,
18.2815

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9888, -20.3868,
20.4377

0.0000, NaN, NaN

■ 68.0390, -22.1663,
22.5144

0.0000, NaN, NaN

■ 79.7235, -23.9091,
24.5302

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0095, -25.6245,

■ 104.8688,
-27.3195, 28.4304

■ 20.0479, -12.5287,
11.0080

■ 20.0479, -12.5287,
11.0080

■ 19.8601, -13.3691,
11.4377

■ 20.2649, -11.5621,
10.4291

■ 19.6898, -14.1419,
11.8678

■ 20.5124, -10.4566,
9.6652

■ 19.6847, -14.1653,
11.8816

■ 20.7914, -9.2148,
8.7122

■ 21.1020, -7.8407,
7.5692

■ 21.4443, -6.3399,
6.2381

■ 21.8179, -4.7191,
4.7234

■ 22.2225, -2.9861,
3.0311

■ 22.6574, -1.1489,
1.1692

■ 23.1220, 0.7841,
-0.8538

Harmonies

Analogous

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



20.0483, -4.4264, 12.5487



20.0479, -12.5287, 11.0080



20.0483, -16.8483, 6.7019

Triad

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



20.0483, -12.5291, 11.0081



20.0483, -7.6393, -26.9982



20.0483, 23.2507, 4.1215

Complementary

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



20.0479, -12.5287, 11.0080



10.9253, 15.3259, -19.3237

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.



20.0483, 21.8904, -6.8318



20.0479, -12.5287, 11.0080



20.0483, 2.5212, -28.9941

Square

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



20.0483, -12.5291, 11.0081



20.0483, -14.4592, -15.7282



20.0483, 13.7295, -20.2744



20.0483, 17.1317, 9.9628

Rectangle

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



20.0479, -12.5287, 11.0080



20.0483, -17.6637, 1.1586



20.0483, 13.7295, -20.2744



20.0483, 23.6781, 1.0237

Sweetspot

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



20.0483, -12.5291, 11.0081



28.4718, -7.3876, 7.3285



17.0027, 2.5068, 9.1929



14.9027, -4.0591, 4.0152



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.



20.0483, -12.5291, 11.0081



25.9411, -18.5954, 15.4383



19.4847, -14.7731, 9.9931



12.1752, -1.5230, 1.5479



29.9047, -22.1025, 18.0402



74.5660, -56.7909, 44.9530

Inverse Universe

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



10.9253, 15.3259, -19.3237



12.0756, 24.4447, -33.4645



13.0103, 19.0127, -10.4454



11.5566, 0.2840, -0.3124



13.3718, 29.3399, -41.2830



32.6680, 72.4853, -107.1082

Previews

White Background



This preview shows how the HunterLab color 20.0479, -12.5287, 11.0080 looks on a white background.

Color Contrast Check

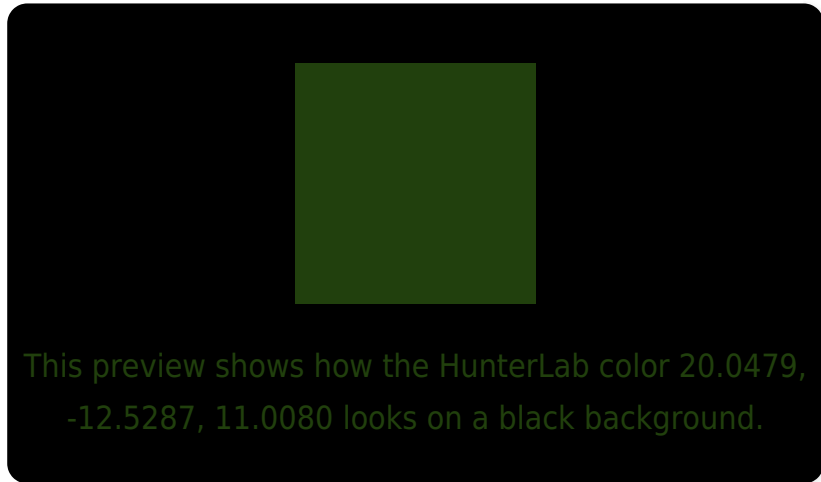
Large Text (above 18pt) WCAG AA ✓ Pass

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

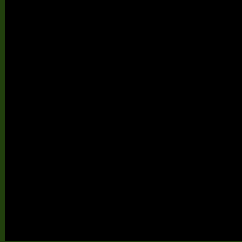
Any Text WCAG AA × Fail

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 20.0479, -12.5287, 11.0080 Background



This preview shows how black text looks on a background with the HunterLab color 20.0479, -12.5287, 11.0080.



This preview shows how white text looks on a background with the HunterLab color 20.0479,

-12.5287, 11.0080.

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

20.0479, -12.5287, 11.0080

Protanopia

20.1008, -2.8710, 11.4019

Deuteranopia

20.0539, 0.7489, 10.6783



Tritanopia

20.1824, -4.7557, -1.8962

Trichromacy



Original Color

20.0479, -12.5287, 11.0080

Protanomaly

20.0378, -7.0018, 11.1955

Deuteranomaly

19.8327, -5.0611, 10.6668

Tritanomaly

19.8470, -8.2748, 4.6683

Monochromacy



Original Color

20.0479, -12.5287, 11.0080

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.1088, -5.7283, 5.5936

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0479, -12.5287, 11.0080 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, 13)` looks like.

```
.text, #text, p{  
    color:rgb(33, 64, 13)  
}
```

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, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 64, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0479, -12.5287, 11.0080 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, 13) }
```


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

```
.border{ border-color:rgb(33, 64, 13) }
```

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, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 64, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 64, 13);  
box-shadow:4px 4px 4px 4px rgb(33, 64, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0479, -12.5287, 11.0080 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, 13) }
```

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

```
.background{ background-color: rgb(33, 64,  
13) }
```

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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