

Converting Colors

HunterLab(20.7614, -12.1157,
8.0411)

Have a look what the booklet for
HunterLab(20.7614, -12.1157,
8.0411) contains.

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Color

**HunterLab(20.7583,
-12.1067, 8.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4223
RGB	31, 66, 35
RGB Percent	12%, 26%, 14%
CMY	0.8784, 0.7412, 0.8627
CMYK	0.53, 0.00, 0.47, 0.74
HSL	127°, 36%, 19%
HSV	127°, 53%, 26%
XYZ	2.8167, 4.3091, 2.2734
YIQ	52.0010, -10.9090, -17.0610

Conversions

Conversions Part 2

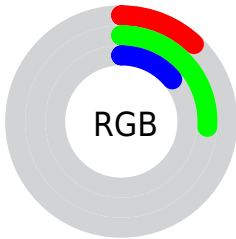
Format	Color
R_{YB}	31, 62, 66
Decimal	2048547
CIE Lab	24.67, -20.57, 15.05
CIE LCh	25, 25.481, 143.812
Yxy	4.3093, 0.2997, 0.4585
Android (android.graphics.Color)	4280238627 (0xFF1F4223)
YUV	52.0010, -8.3815, -18.4179
Hunter-Lab	20.7583, -12.1067, 8.0376




Details

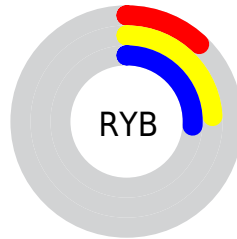
The HunterLab color **20.7583, -12.1067, 8.0376** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.7674, 13.2344, -7.1904**, and the grayscale version is **18.5617, -0.9904, 1.0085**.




A 20% lighter version of the original color is **37.7273, -15.8370, 11.0431**, and **8.3382, -7.1500, 5.0128** is the 20% darker color. If you saturate the color by 10%, you get **20.4577, -13.4795, 8.9720**, and if you desaturate by 10%, it is **21.1190, -10.4987, 6.9795**.

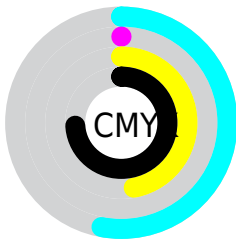
Distribution







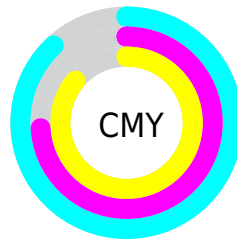
-  Red (12%)
-  Green (26%)
-  Blue (14%)






-  Red (12%)
-  Yellow (24%)
-  Blue (26%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (47%)
-  Black (74%)



-  Cyan (88%)
-  Magenta (74%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7583, -12.1067, 8.0376 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 20.7583, -12.1067, 8.0376 by changing the saturation by 10% instead.

■ 20.7583, -12.1067,
8.0376

■ 20.7583, -12.1067,
8.0376

■ 119.5555,
-27.8032, 20.9608

■ 13.5942, -9.9026,
6.3918

■ 37.8232, -16.0006,
11.1521

■ 7.1891, -12.5810,
5.0324

■ 47.5502, -17.8014,
12.6133

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.9922, -19.5431,
14.0391

0.0000, NaN, NaN

■ 69.1032, -21.2424,
15.4419


0.0000, NaN, NaN


■ 80.8451, -22.9107,
16.8302


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.1857, -24.5563,


 106.0972,
-26.1856, 19.5857


 20.7583, -12.1067,
8.0376


 20.7583, -12.1067,
8.0376


 20.4577, -13.4795,
8.9720


 21.1190, -10.4987,
6.9795


 20.2148, -14.6091,
9.7751


 21.5390, -8.6665,
5.8069


 20.0276, -15.4955,
10.4428

 22.0183, -6.6269,
4.5312

 19.8793, -16.2027,
10.9648

 22.5559, -4.3985,
3.1645

 19.7816, -16.6644,
11.2484

 23.1504, -2.0018,
1.7196

■ 23.7998, 0.5424,
0.2088

■ 24.5020, 3.2139,
-1.3565

■ 25.2545, 5.9937,
-2.9653

■ 26.0550, 8.8642,
-4.6084

Harmonies

Analogous

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



20.7587, -6.9528, 10.5450



20.7583, -12.1067, 8.0376



20.7587, -14.2775, 2.6439

Triad

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



20.7587, -12.1070, 8.0378



20.7587, -2.7384, -19.2748



20.7587, 14.8939, 6.2055

Complementary

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



20.7583, -12.1067, 8.0376



15.7674, 13.2344, -7.1904

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.



20.7587, 16.4733, -0.5074



20.7583, -12.1067, 8.0376



20.7587, 5.4631, -17.1730

Square

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



20.7587, -12.1070, 8.0378



20.7587, -9.4209, -14.4583



20.7587, 12.7981, -9.4797



20.7587, 8.7601, 9.8012

Rectangle

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



20.7583, -12.1067, 8.0376



20.7587, -14.0170, -2.6694



20.7587, 12.7981, -9.4797



20.7587, 16.0101, 4.3241

Sweetspot

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



20.7587, -12.1070, 8.0378



29.4579, -6.9013, 4.8441



22.4409, -5.7539, 10.3022



14.9678, -3.6192, 2.5308



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.



20.7587, -12.1070, 8.0378



26.8321, -18.3629, 12.2434



21.0614, -10.3027, 3.6515



12.1014, -1.7699, 1.3375



29.2494, -24.7843, 16.9431



73.2117, -62.4231, 43.2452

Inverse Universe

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



15.7674, 13.2344, -7.1904



18.9405, 22.0740, -11.9179



15.2570, 10.8619, -0.0565



11.6385, 0.5435, -0.0634



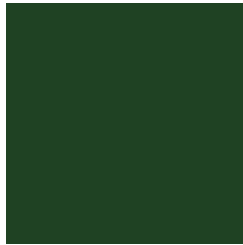
17.9024, 34.3957, -17.4024



44.7475, 85.8208, -42.3192

Previews

White Background



This preview shows how the HunterLab color 20.7583, -12.1067, 8.0376 looks on a white background.

Color Contrast Check

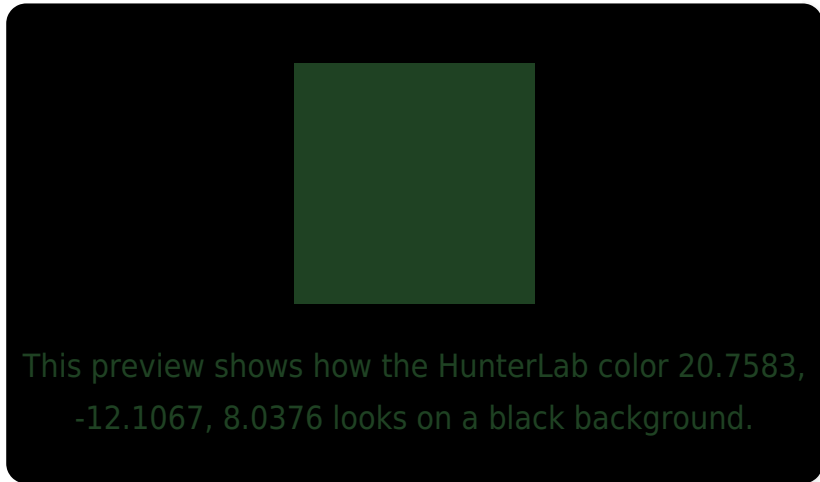
Large Text (above 18pt) WCAG AA ✓ Pass

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

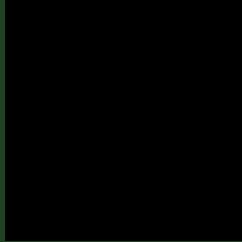
Any Text WCAG AA × Fail

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 20.7583, -12.1067, 8.0376 Background



This preview shows how black text looks on a background with the HunterLab color 20.7583, -12.1067, 8.0376.



This preview shows how white text looks on a background with the HunterLab color 20.7583,

-12.1067, 8.0376.

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

20.7583, -12.1067, 8.0376

Protanopia

20.7899, -2.5622, 8.8687

Deuteranopia

20.6495, 0.8081, 7.7128



Tritanopia

20.6926, -5.3951, -2.5589

Trichromacy



Original Color

20.7583, -12.1067, 8.0376

Protanomaly

20.7005, -6.7930, 8.5155

Deuteranomaly

20.4935, -4.8107, 7.7150

Tritanomaly

20.5083, -8.0841, 2.0462

Monochromacy



Original Color

20.7583, -12.1067, 8.0376

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.1285, -5.5268, 3.6785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7583, -12.1067, 8.0376 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(31, 66, 35)` looks like.

```
.text, #text, p{  
    color:rgb(31, 66, 35)  
}
```

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(31, 66, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 66, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7583, -12.1067, 8.0376 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(31, 66, 35) }
```


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

```
.border{ border-color:rgb(31, 66, 35) }
```

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

Here you see how a box with a 4 pixel rgb(31, 66, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 66, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 66, 35);  
box-shadow:4px 4px 4px 4px rgb(31, 66, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7583, -12.1067, 8.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 66, 35) }
```

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

```
.background{ background-color: rgb(31, 66,  
35) }
```

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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