

Converting Colors

HunterLab(20.6987, -12.8503,
8.4806)

Have a look what the booklet for
HunterLab(20.6987, -12.8503,
8.4806) contains.

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Color

**HunterLab(20.6231,
-12.7069, 8.3488)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4221
RGB	28, 66, 33
RGB Percent	11%, 26%, 13%
CMY	0.8902, 0.7412, 0.8706
CMYK	0.58, 0.00, 0.50, 0.74
HSL	128°, 40%, 18%
HSV	128°, 58%, 26%
XYZ	2.7016, 4.2531, 2.1174
YIQ	50.8760, -12.0550, -18.3190

Conversions

Conversions Part 2

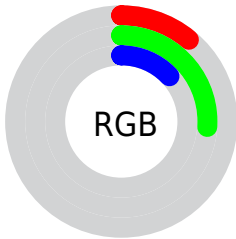
Format	Color
R_{YB}	28, 62, 66
Decimal	1851937
CIE _{Lab}	24.49, -21.94, 16.03
CIE _{LCh}	24, 27.171, 143.847
Yxy	4.2533, 0.2978, 0.4688
Android (android.graphics.Color)	4280042017 (0xFF1C4221)
YUV	50.8760, -8.8129, -20.0623
Hunter-Lab	20.6231, -12.7069, 8.3488




Details

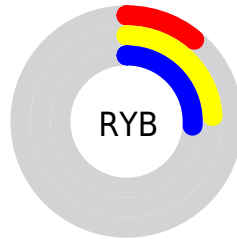
The HunterLab color **20.6231, -12.7069, 8.3488** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.2505, 14.3299, -7.5164**, and the grayscale version is **18.1850, -0.9703, 0.9880**.




A 20% lighter version of the original color is **37.5240, -16.6985, 11.4412**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.3490, -13.9698, 9.2254**, and if you desaturate by 10%, it is **20.9564, -11.2078, 7.3519**.

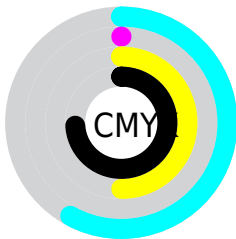
Distribution







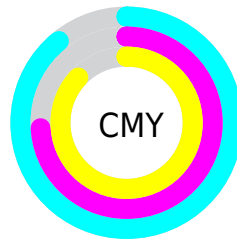
-  Red (11%)
-  Green (26%)
-  Blue (13%)






-  Red (11%)
-  Yellow (24%)
-  Blue (26%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (50%)
-  Black (74%)



-  Cyan (89%)
-  Magenta (74%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6231, -12.7069, 8.3488 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 20.6231, -12.7069, 8.3488 by changing the saturation by 10% instead.

■ 20.6231, -12.7069,
8.3488

■ 20.6231, -12.7069,
8.3488

■ 119.3130,
-29.1478, 21.8128

■ 13.4768, -10.3650,
6.6791

■ 37.6580, -16.8199,
11.6246

■ 7.0517, -12.3405,
4.9362

■ 47.3719, -18.7130,
13.1532

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.8016, -20.5392,
14.6405

0.0000, NaN, NaN

■ 68.9012, -22.3167,
16.1000

0.0000, NaN, NaN


■ 80.6322, -24.0583,
17.5412


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.9625, -25.7730,


 105.8642,
-27.4677, 20.3932


 20.6231, -12.7069,
8.3488


 20.6231, -12.7069,
8.3488


 20.3490, -13.9698,
9.2254


 20.9564, -11.2078,
7.3519


 20.1312, -14.9914,
9.9750


 21.3484, -9.4815,
6.2431


 19.9659, -15.7810,
10.5933

 21.7994, -7.5425,
5.0329

 19.8217, -16.4656,
11.0605

 22.3088, -5.4086,
3.7331

 19.7880, -16.6248,
11.1549

 22.8754, -3.0993,
2.3558

■ 23.4973, -0.6349,
0.9131

■ 24.1726, 1.9642,
-0.5836

■ 24.8990, 4.6788,
-2.1236

■ 25.6740, 7.4906,
-3.6973

Harmonies

Analogous

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



20.6235, -7.3011, 10.8800



20.6231, -12.7069, 8.3488



20.6235, -14.9638, 2.7204

Triad

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



20.6235, -12.7072, 8.3490



20.6235, -2.8241, -21.0852



20.6235, 16.0742, 6.4703

Complementary

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



20.6231, -12.7069, 8.3488



15.2505, 14.3299, -7.5164

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.



20.6235, 17.7904, -0.6142



20.6231, -12.7069, 8.3488



20.6235, 5.9297, -18.7574

Square

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



20.6235, -12.7072, 8.3490



20.6235, -9.8839, -15.7869



20.6235, 13.8214, -10.3152



20.6235, 9.4517, 10.1432

Rectangle

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



20.6231, -12.7069, 8.3488



20.6235, -14.6907, -2.9550



20.6235, 13.8214, -10.3152



20.6235, 17.2843, 4.5072

Sweetspot

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



20.6235, -12.7072, 8.3490



29.3891, -7.1768, 4.9493



22.3398, -6.1947, 10.7414



14.9377, -3.7391, 2.5711



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.



20.6235, -12.7072, 8.3490



26.6817, -19.0475, 12.6175



20.9436, -10.7897, 3.7072



12.1026, -1.7631, 1.3200



29.2563, -24.7405, 16.8398



73.2243, -62.3445, 43.0598

Inverse Universe

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



15.2505, 14.3299, -7.5164



18.3087, 23.4994, -12.1553



14.6973, 11.8116, 0.2102



11.6372, 0.5362, -0.0439



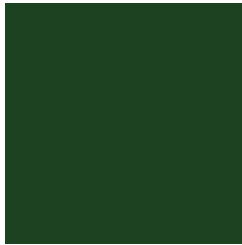
17.8279, 34.1342, -16.4132



44.5484, 85.1219, -39.6728

Previews

White Background



This preview shows how the HunterLab color 20.6231, -12.7069, 8.3488 looks on a white background.

Color Contrast Check

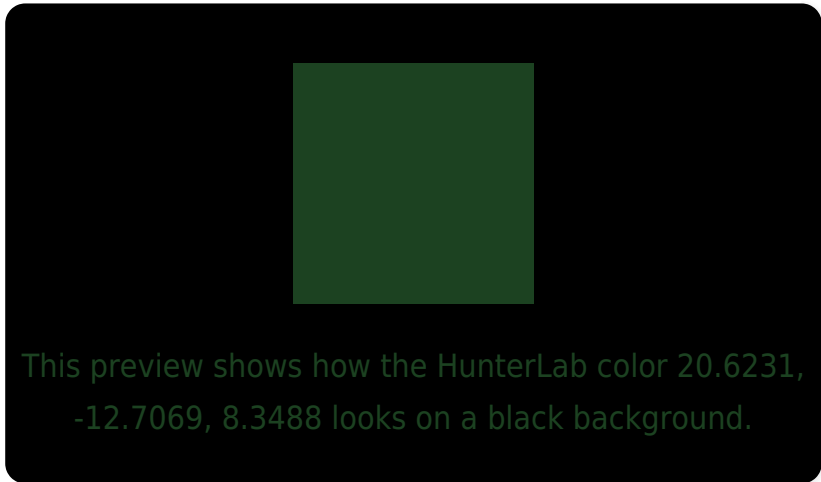
Large Text (above 18pt) WCAG AA ✓ Pass

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

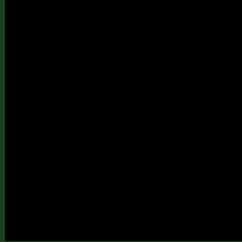
Any Text WCAG AA × Fail

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 20.6231, -12.7069, 8.3488 Background



This preview shows how black text looks on a background with the HunterLab color 20.6231, -12.7069, 8.3488.



This preview shows how white text looks on a background with the HunterLab color 20.6231,

-12.7069, 8.3488.

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

20.6231, -12.7069, 8.3488

Protanopia

20.5179, -2.3101, 9.0532

Deuteranopia

20.4006, 1.1390, 7.7399



Tritanopia

20.6005, -5.7353, -2.6896

Trichromacy



Original Color

20.6231, -12.7069, 8.3488

Protanomaly

20.3475, -6.8227, 8.6413

Deuteranomaly

20.1532, -4.7738, 7.6567

Tritanomaly

20.4229, -8.4113, 1.9441

Monochromacy



Original Color

20.6231, -12.7069, 8.3488

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.7718, -5.6068, 3.9427

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6231, -12.7069, 8.3488 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(28, 66, 33)` looks like.

```
.text, #text, p{  
    color:rgb(28, 66, 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(28, 66, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 66, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6231, -12.7069, 8.3488 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(28, 66, 33) }
```


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

```
.border{ border-color:rgb(28, 66, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 66, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 66, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 66, 33);  
box-shadow:4px 4px 4px 4px rgb(28, 66, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6231, -12.7069, 8.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 66, 33) }
```

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

```
.background{ background-color: rgb(28, 66,  
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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