

Converting Colors

HunterLab(12.1131, 11.7711,
1.8889)

Have a look what the booklet for
HunterLab(12.1131, 11.7711,
1.8889) contains.

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Color

**HunterLab(12.1830, 11.7669,
2.0562)**

Conversions

Conversions Part 1

Format	Color
Hex	3B131D
RGB	59, 19, 29
RGB Percent	23%, 7%, 11%
CMY	0.7686, 0.9255, 0.8863
CMYK	0.00, 0.68, 0.51, 0.77
HSL	345°, 51%, 15%
HSV	345°, 68%, 23%
XYZ	2.2583, 1.4843, 1.3299
YIQ	32.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

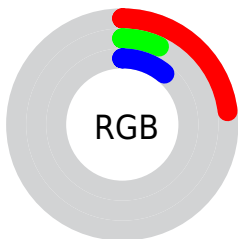
Format	Color
R_{YB}	59, 19, 29
Decimal	3871517
CIE _{Lab}	12.51, 20.86, 3.09
CIE _{LCh}	13, 21.091, 8.433
Yxy	1.4843, 0.4452, 0.2926
Android (android.graphics.Color)	4282061597 (0xFF3B131D)
YUV	32.1000, -1.5283, 23.5913
Hunter-Lab	12.1830, 11.7669, 2.0562




Details

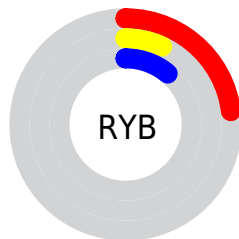
The HunterLab color **12.1830, 11.7669, 2.0562** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **18.6766, -9.8707, 2.1105**, and the grayscale version is **12.0500, -0.6430, 0.6547**.




A 20% lighter version of the original color is **27.1770, 13.5874, 3.6089**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.3518, 13.4664, 2.5518**, and if you desaturate by 10%, it is **13.1647, 9.9057, 1.6638**.

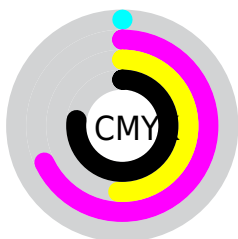
Distribution







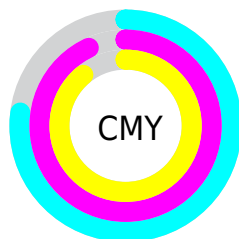
-  Red (23%)
-  Green (7%)
-  Blue (11%)






-  Red (23%)
-  Yellow (7%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (68%)
-  Yellow (51%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (93%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1830, 11.7669, 2.0562 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 12.1830, 11.7669, 2.0562 by changing the saturation by 10% instead.

12.1830, 11.7669,
2.0562

12.1830, 11.7669,
2.0562

103.2607, 16.8389,
8.6024

5.2694, 16.9708,
2.7199

27.0417, 13.7048,
3.3380

0.0000, NaN, NaN

0.0000, NaN, NaN

35.8210, 14.4514,
4.0124

0.0000, NaN, NaN

45.3864, 15.0767,
4.7124

0.0000, NaN, NaN

0.0000, NaN, NaN

55.6782, 15.5967,
5.4388

0.0000, NaN, NaN


66.6481, 16.0238,
6.1913


0.0000, NaN, NaN


78.2566, 16.3681,


0.0000, NaN, NaN


6.9698


 90.4704, 16.6376,
7.7736

 12.1830, 11.7669,
2.0562


 12.1830, 11.7669,
2.0562


 11.3518, 13.4664,
2.5518


 13.1647, 9.9057,
1.6638

 10.6639, 14.9728,
3.1146


 14.2775, 7.9692,
1.3747

 9.9733, 16.7179,
3.5877

 15.5037, 6.0138,
1.1823

 9.8162, 17.1546,
3.6759

 16.8274, 4.0745,
1.0757

 18.2350, 2.1693,
1.0434

■ 19.7152, 0.3060,
1.0744

■ 21.2586, -1.5140,
1.1591

■ 22.8575, -3.2927,
1.2893

■ 24.5057, -5.0341,
1.4581

Harmonies

Analogous

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



12.1833, 10.9113, -3.6764



12.1830, 11.7669, 2.0562



12.1833, 8.8576, 5.6514

Triad

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



12.1833, 11.7660, 2.0565



12.1833, -6.5858, 6.8120



12.1833, -4.3214, -13.0097

Complementary

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



12.1830, 11.7669, 2.0562



18.6766, -9.8707, 2.1105

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.



12.1833, -7.9172, -7.4581



12.1830, 11.7669, 2.0562



12.1833, -9.0530, 3.8287

Square

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



12.1833, 11.7660, 2.0565



12.1833, -2.1726, 8.2891



12.1833, -9.4995, -0.9170



12.1833, 0.9497, -14.2043

Rectangle

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



12.1830, 11.7669, 2.0562



12.1833, 5.4366, 7.3049



12.1833, -9.4995, -0.9170



12.1833, -5.7368, -11.5014

Sweetspot

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



12.1833, 11.7660, 2.0565



23.0171, 3.5725, 1.3538



11.9773, 13.1525, -12.8715



11.8316, 1.9522, 0.7017



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.1833, 11.7660, 2.0565



14.0697, 18.7586, 3.8154



13.6222, 7.0935, 5.8361



10.8596, 0.2404, 0.5928



15.6922, 27.2827, 6.9672



39.7318, 68.7471, 20.2069

Inverse Universe

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



12.1833, 11.7660, 2.0565



14.0697, 18.7586, 3.8154



16.2816, -4.8521, -5.1197



10.8596, 0.2404, 0.5928



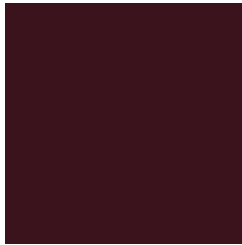
15.6922, 27.2827, 6.9672



39.7318, 68.7471, 20.2069

Previews

White Background



This preview shows how the HunterLab color 12.1830, 11.7669, 2.0562 looks on a white background.

Color Contrast Check

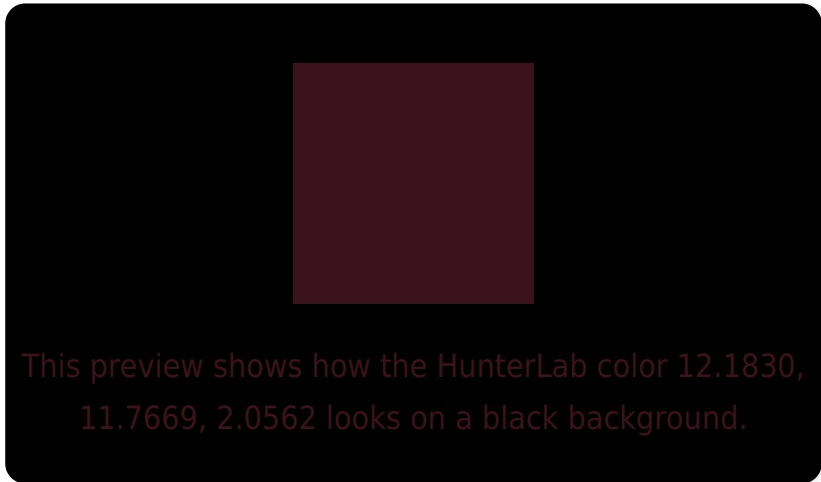
Large Text (above 18pt) WCAG AA ✓ Pass

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

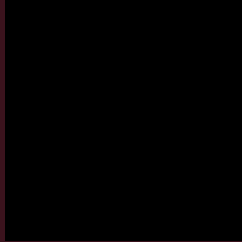
Any Text WCAG AA × Fail

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 12.1830, 11.7669, 2.0562 Background



This preview shows how black text looks on a background with the HunterLab color 12.1830, 11.7669, 2.0562.



This preview shows how white text looks on a background with the HunterLab color 12.1830, 11.7669,

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

12.1830, 11.7669, 2.0562

Protanopia

12.7189, -0.2855, -0.3266

Deuteranopia

12.6419, 0.1630, 2.9297



Tritanopia

12.1985, 10.8245, 4.0169

Trichromacy



Original Color

12.1830, 11.7669, 2.0562

Protanomaly

12.2793, 3.5776, 0.3218

Deuteranomaly

12.2278, 4.1706, 2.2808

Tritanomaly

12.2487, 11.0517, 3.2892

Monochromacy



Original Color

12.1830, 11.7669, 2.0562

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.7262, 3.7451, 0.7367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1830, 11.7669, 2.0562 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(59, 19, 29)` looks like.

```
.text, #text, p{  
    color:rgb(59, 19, 29)  
}
```

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(59, 19, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 19, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1830, 11.7669, 2.0562 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(59, 19, 29) }
```


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

```
.border{ border-color:rgb(59, 19, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 19, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 19, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 19, 29);  
box-shadow:4px 4px 4px 4px rgb(59, 19, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.1830, 11.7669, 2.0562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 19, 29) }
```

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

```
.background{ background-color: rgb(59, 19,  
29) }
```

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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