

Converting Colors

HunterLab(11.9197, 2.7354,
1.1217)

Have a look what the booklet for
HunterLab(11.9197, 2.7354, 1.1217)
contains.

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Color

**HunterLab(12.0162, 2.5638,
1.3886)**

Conversions

Conversions Part 1

Format	Color
Hex	291D1E
RGB	41, 29, 30
RGB Percent	16%, 11%, 12%
CMY	0.8392, 0.8863, 0.8824
CMYK	0.00, 0.29, 0.27, 0.84
HSL	355°, 17%, 14%
HSV	355°, 29%, 16%
XYZ	1.5882, 1.4439, 1.4233
YIQ	32.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

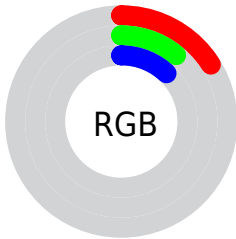
Format	Color
R_{YB}	41, 29, 30
Decimal	2694430
CIE _{Lab}	12.25, 6.07, 1.59
CIE _{LCh}	12, 6.277, 14.662
Yxy	1.4440, 0.3565, 0.3241
Android (android.graphics.Color)	4280884510 (0xFF291D1E)
YUV	32.7020, -1.3321, 7.2773
Hunter-Lab	12.0162, 2.5638, 1.3886

Details

The HunterLab color **12.0162, 2.5638, 1.3886** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.1433, -3.5137, 0.2375**, and the grayscale version is **12.2414, -0.6532, 0.6651**.

A 20% lighter version of the original color is **26.9034, 2.3906, 2.3421**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.1272, 3.7745, 1.6395**, and if you desaturate by 10%, it is **12.9572, 1.3838, 1.1665**.

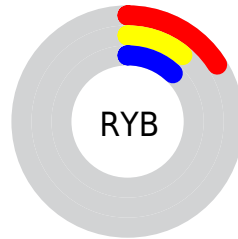
Distribution



Red (16%)

Green (11%)

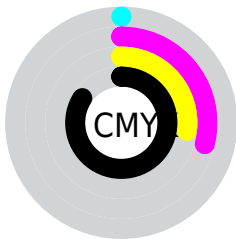
Blue (12%)



Red (16%)

Yellow (11%)

Blue (12%)

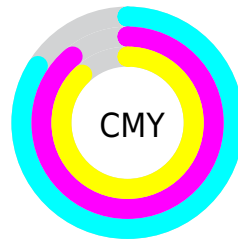


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (84%)



Cyan (84%)

Magenta (89%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0162, 2.5638, 1.3886 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 12.0162, 2.5638, 1.3886 by changing the saturation by 10% instead.

■ 12.0162, 2.5638,
1.3886

■ 12.0162, 2.5638,
1.3886

102.9199, 0.8189,
7.1435

■ 4.9878, 5.0389,
1.5919

■ 26.8239, 2.6716,
2.4335

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5817, 2.5868,
3.0099

0.0000, NaN, NaN

■ 45.1274, 2.4299,
3.6207

0.0000, NaN, NaN

■ 55.4009, 2.2101,
4.2644

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3536, 1.9343,
4.9398

0.0000, NaN, NaN

■ 77.9460, 1.6079,

0.0000, NaN, NaN

5.6455

■ 90.1443, 1.2350,
6.3804

■ 12.0162, 2.5638,
1.3886

■ 12.0162, 2.5638,
1.3886

■ 11.1272, 3.7745,
1.6395

■ 12.9572, 1.3838,
1.1665

■ 10.2970, 5.0101,
1.9202

■ 13.9426, 0.2378,
0.9702

■ 9.5352, 6.2552,
2.2305

■ 14.9675, -0.8752,
0.7971

■ 8.8520, 7.4835,
2.5671

■ 16.0272, -1.9576,
0.6444

■ 8.2499, 8.6780,
2.9147

■ 17.1180, -3.0124,
0.5098

■ 7.6373, 10.0778,
3.2221

■ 18.2367, -4.0428,
0.3909

■ 6.9717, 11.8142,
3.6018

■ 19.3807, -5.0518,
0.2856

■ 6.9203, 11.9593,
3.6339

■ 20.5478, -6.0423,
0.1924

■ 21.7361, -7.0170,
0.1097

Harmonies

Analogous

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



12.0165, 2.5527, -0.1667



12.0162, 2.5638, 1.3886



12.0165, 1.6842, 2.5773

Triad

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



12.0165, 2.5634, 1.3888



12.0165, -2.7789, 2.5980



12.0165, -1.4646, -2.6131

Complementary

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



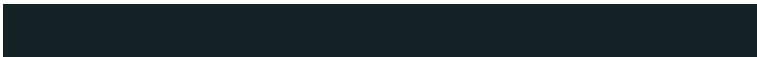
12.0162, 2.5638, 1.3886



14.1433, -3.5137, 0.2375

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.



12.0165, -2.8033, -1.6511



12.0162, 2.5638, 1.3886



12.0165, -3.5340, 1.4208

Square

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



12.0165, 2.5634, 1.3888



12.0165, -1.4296, 3.2091



12.0165, -3.5427, -0.1302



12.0165, 0.1668, -2.6246

Rectangle

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



12.0162, 2.5638, 1.3886



12.0165, 0.7376, 3.0615



12.0165, -3.5427, -0.1302



12.0165, -1.9617, -2.3849

Sweetspot

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



12.0165, 2.5634, 1.3888



17.8014, 0.3486, 1.2487



12.2066, 3.7132, -2.6030



10.0622, 0.2195, 0.7108



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.0165, 2.5634, 1.3888



14.4647, 4.5104, 2.0293



13.0547, 0.5124, 2.7736



8.0172, 0.0512, 0.5390



13.8098, 23.7608, 8.0618



37.3999, 64.1619, 23.2873

Inverse Universe

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



12.0165, 2.5634, 1.3888



14.4647, 4.5104, 2.0293



12.9735, -1.5444, -1.6201



8.0172, 0.0512, 0.5390



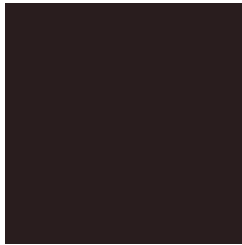
13.8098, 23.7608, 8.0618



37.3999, 64.1619, 23.2873

Previews

White Background



This preview shows how the HunterLab color 12.0162, 2.5638, 1.3886 looks on a white background.

Color Contrast Check

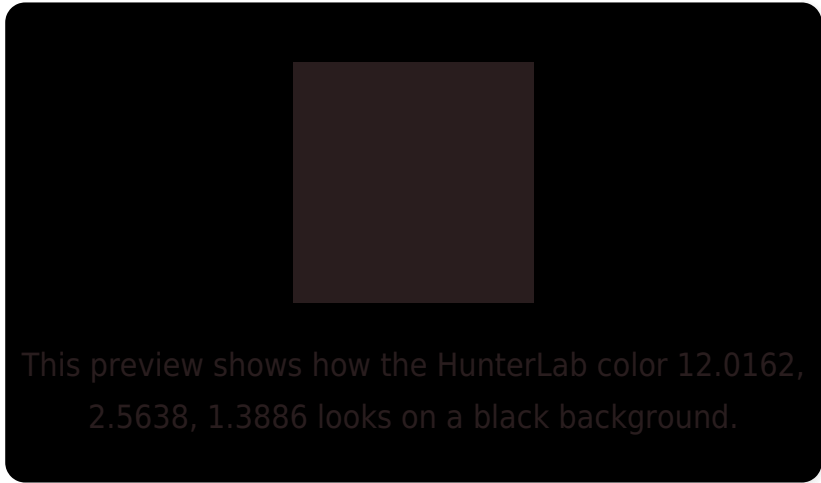
Large Text (above 18pt) WCAG AA ✓ Pass

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

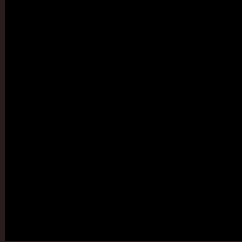
Any Text WCAG AA × Fail

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 12.0162, 2.5638, 1.3886 Background



This preview shows how black text looks on a background with the HunterLab color 12.0162, 2.5638, 1.3886.



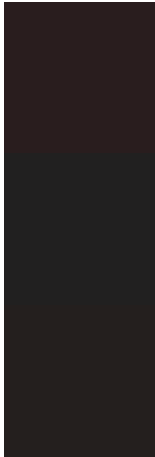
This preview shows how white text looks on a background with the HunterLab color 12.0162, 2.5638,

1.3886.

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

12.0162, 2.5638, 1.3886

Protanopia

12.0857, -0.4073, 0.7363

Deuteranopia

12.0365, 0.4673, 1.3746



Tritanopia

12.0378, 2.6762, 1.0796

Trichromacy



Original Color

12.0162, 2.5638, 1.3886

Protanomaly

12.0581, 0.5833, 1.0663

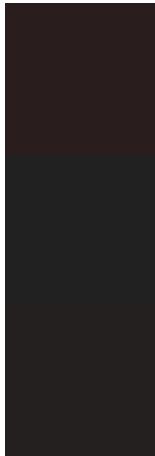
Deuteranomaly

11.9764, 1.3670, 1.3230

Tritanomaly

12.0378, 2.6762, 1.0796

Monochromacy



Original Color

12.0162, 2.5638, 1.3886

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2979, 0.3201, 0.9954

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0162, 2.5638, 1.3886 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(41, 29, 30)` looks like.

```
.text, #text, p{  
    color:rgb(41, 29, 30)  
}
```

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(41, 29, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 29, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0162, 2.5638, 1.3886 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(41, 29, 30) }
```


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

```
.border{ border-color:rgb(41, 29, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 29, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 29, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 29, 30);  
box-shadow:4px 4px 4px 4px rgb(41, 29, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0162, 2.5638, 1.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 29, 30) }
```

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

```
.background{ background-color: rgb(41, 29,  
30) }
```

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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