

Converting Colors

HunterLab(11.9669, 1.0630,
6.1722)

Have a look what the booklet for
HunterLab(11.9669, 1.0630, 6.1722)
contains.

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Color

**HunterLab(12.0021, 0.8352,
6.1336)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1E09
RGB	42, 30, 9
RGB Percent	16%, 12%, 4%
CMY	0.8353, 0.8823, 0.9647
CMYK	0.00, 0.29, 0.79, 0.84
HSL	38°, 65%, 10%
HSV	38°, 79%, 16%
XYZ	1.4684, 1.4405, 0.4591
YIQ	31.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

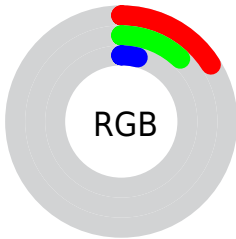
Format	Color
R_{YB}	28, 42, 9
Decimal	2760201
CIE Lab	12.23, 2.87, 14.51
CIE LCh	12, 14.792, 78.810
Yxy	1.4406, 0.4360, 0.4277
Android (android.graphics.Color)	4280950281 (0xFF2A1E09)
YUV	31.1940, -10.9416, 9.4769
Hunter-Lab	12.0021, 0.8352, 6.1336

Details

The HunterLab color **12.0021, 0.8352, 6.1336** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **8.7265, 1.0662, -9.4866**, and the grayscale version is **11.7964, -0.6294, 0.6409**.

A 20% lighter version of the original color is **26.8874, 0.1881, 9.1440**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6445, 1.2014, 6.4944**, and if you desaturate by 10%, it is **12.3678, 0.4771, 5.7713**.

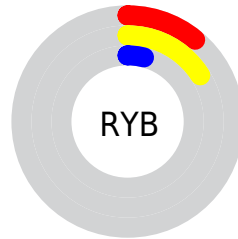
Distribution



Red (16%)

Green (12%)

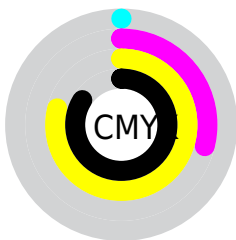
Blue (4%)



Red (11%)

Yellow (16%)

Blue (4%)

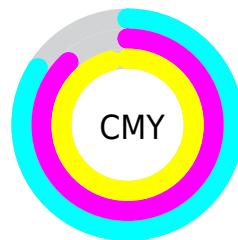


Cyan (0%)

Magenta (29%)

Yellow (79%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0021, 0.8352, 6.1336 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 12.0021, 0.8352, 6.1336 by changing the saturation by 10% instead.

■ 12.0021, 0.8352,
6.1336

■ 12.0021, 0.8352,
6.1336

■ 102.8911, -2.5288,
18.8006

■ 4.9633, 2.2552,
3.4743

■ 26.8055, 0.4786,
9.0301

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5614, 0.1947,
10.5213

0.0000, NaN, NaN

■ 45.1055, -0.1461,
11.9569

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.3774, -0.5376,
13.3565

0.0000, NaN, NaN

■ 66.3287, -0.9750,
14.7331

0.0000, NaN, NaN

■ 77.9197, -1.4545,

0.0000, NaN, NaN

16.0955

■ 90.1167, -1.9733,
17.4498

■ 12.0021, 0.8352,
6.1336

■ 12.0021, 0.8352,
6.1336

■ 11.6445, 1.2014,
6.4944

■ 12.3678, 0.4771,
5.7713

■ 11.2916, 1.5626,
6.8947

■ 12.7466, 0.1633,
5.3135

■ 11.2416, 1.6137,
6.9553

■ 13.1388, -0.1057,
4.7594

■ 13.5437, -0.3308,
4.1127

■ 13.9610, -0.5131,
3.3773

■ 14.3899, -0.6541,
2.5576

■ 14.8302, -0.7554,
1.6580

■ 15.2812, -0.8187,
0.6829

■ 15.7426, -0.8457,
-0.3634

Harmonies

Analogous

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



12.0024, 4.6526, 4.9666



12.0021, 0.8352, 6.1336



12.0024, -2.9433, 5.9580

Triad

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



12.0024, 0.8347, 6.1337



12.0024, -6.8938, -1.8554



12.0024, 5.4755, -4.9935

Complementary

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



12.0021, 0.8352, 6.1336



8.7265, 1.0662, -9.4866

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.



12.0024, 1.8489, -8.1440



12.0021, 0.8352, 6.1336



12.0024, -5.1514, -5.9728

Square

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



12.0024, 0.8347, 6.1337



12.0024, -7.0929, 1.9452



12.0024, -2.0488, -8.5503



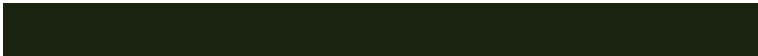
12.0024, 7.5490, -0.8004

Rectangle

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



12.0021, 0.8352, 6.1336



12.0024, -4.9505, 5.1030



12.0024, -2.0488, -8.5503



12.0024, 4.3779, -6.2595

Sweetspot

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



12.0024, 0.8347, 6.1337



17.6529, -0.7046, 3.9118



8.6147, 9.5569, 0.5592



9.9850, -0.3946, 2.2394



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.



12.0024, 0.8347, 6.1337



14.1266, 2.1069, 8.3544



14.4227, -4.6712, 7.7429



8.2834, -0.4241, 0.8893



21.1866, 4.7802, 13.1388



55.8465, 16.2864, 34.6974

Inverse Universe

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



8.7265, 1.0662, -9.4866



9.1560, 2.9515, -16.5491



6.7170, 6.5162, -15.0818



8.0823, -0.4358, -0.0204



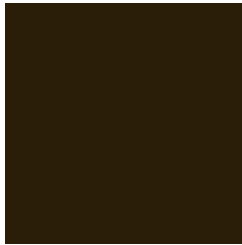
12.6549, 7.2721, -31.5160



31.6815, 26.1983, -96.1537

Previews

White Background



This preview shows how the HunterLab color 12.0021, 0.8352, 6.1336 looks on a white background.

Color Contrast Check

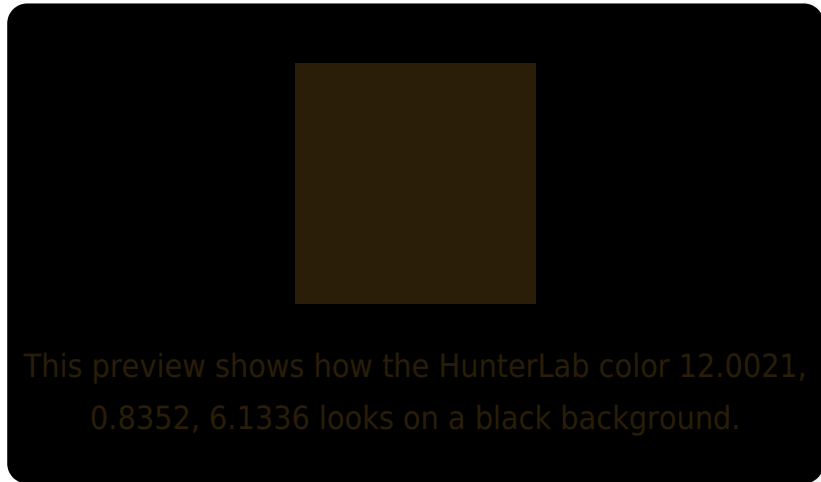
Large Text (above 18pt) WCAG AA ✓ Pass

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

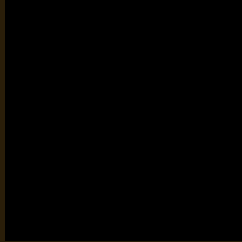
Any Text WCAG AA × Fail

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 12.0021, 0.8352, 6.1336 Background



This preview shows how black text looks on a background with the HunterLab color 12.0021, 0.8352, 6.1336.

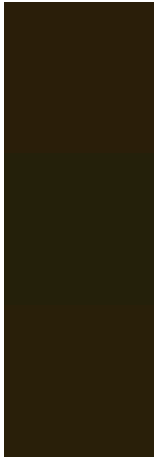


This preview shows how white text looks on a background with the HunterLab color 12.0021, 0.8352,

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

12.0021, 0.8352, 6.1336

Protanopia

11.9583, -1.5392, 5.9179

Deuteranopia

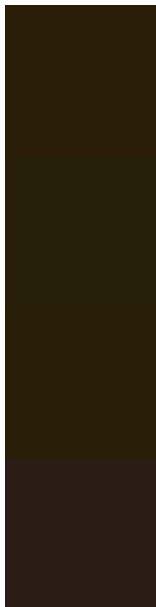
12.1289, 0.1689, 6.2134



Tritanopia

11.9910, 3.5163, 1.3770

Trichromacy



Original Color

12.0021, 0.8352, 6.1336

Protanomaly

11.8910, -0.6324, 5.8843

Deuteranomaly

12.1289, 0.1689, 6.2134

Tritanomaly

12.0426, 2.3513, 3.7247

Monochromacy



Original Color

12.0021, 0.8352, 6.1336

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.8286, -0.5123, 3.2166

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0021, 0.8352, 6.1336 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(42, 30, 9)` looks like.

```
.text, #text, p{  
    color:rgb(42, 30, 9)  
}
```

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(42, 30, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 30, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0021, 0.8352, 6.1336 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(42, 30, 9) }
```


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

```
.border{ border-color:rgb(42, 30, 9) }
```

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

Here you see how a box with a 4 pixel rgb(42, 30, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 30, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 30, 9); box-shadow:4px  
4px 4px 4px rgb(42, 30, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0021, 0.8352, 6.1336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 30, 9) }
```

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

```
.background{ background-color: rgb(42, 30,  
9) }
```

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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