

Converting Colors

HunterLab(28.1083, -20.9031,
12.0621)

Have a look what the booklet for
HunterLab(28.1083, -20.9031,
12.0621) contains.

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Color

**HunterLab(28.1607,
-21.0098, 12.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	0F5C2B
RGB	15, 92, 43
RGB Percent	6%, 36%, 17%
CMY	0.9412, 0.6392, 0.8314
CMYK	0.84, 0.00, 0.53, 0.64
HSL	142°, 72%, 21%
HSV	142°, 84%, 36%
XYZ	4.4602, 7.9303, 3.5811
YIQ	63.3910, -30.1630, -31.5630

Conversions

Conversions Part 2

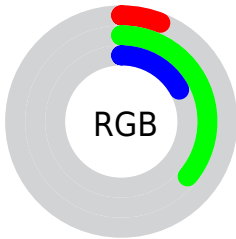
Format	Color
RYB	15, 71, 92
Decimal	1006635
CIELab	33.84, -34.47, 21.85
CIELCh	34, 40.810, 147.632
Yxy	7.9306, 0.2793, 0.4965
Android (android.graphics.Color)	4279196715 (0xFF0F5C2B)
YUV	63.3910, -10.0528, -42.4389
Hunter-Lab	28.1607, -21.0098, 12.1728

Details

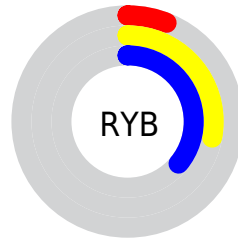
The HunterLab color **28.1607, -21.0098, 12.1728** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **17.2838, 26.6598, -5.5233**, and the grayscale version is **22.4728, -1.1991, 1.2210**.

A 20% lighter version of the original color is **46.6900, -26.5955, 16.0213**, and **13.6995, -11.7474, 8.2359** is the 20% darker color. If you saturate the color by 10%, you get **27.9759, -21.9291, 13.1197**, and if you desaturate by 10%, it is **28.4109, -19.8121, 11.1292**.

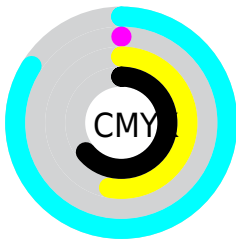
Distribution



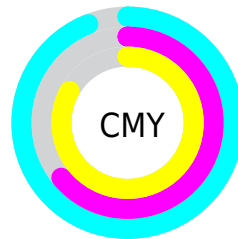
- Red (6%)
- Green (36%)
- Blue (17%)



- Red (6%)
- Yellow (28%)
- Blue (36%)



- Cyan (84%)
- Magenta (0%)
- Yellow (53%)
- Black (64%)



- Cyan (94%)
- Magenta (64%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.1607, -21.0098, 12.1728 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 28.1607, -21.0098, 12.1728 by changing the saturation by 10% instead.

■ 28.1607, -21.0098,
12.1728

■ 28.1607, -21.0098,
12.1728

■ 132.3580,
-43.4331, 28.3915

■ 20.1260, -17.7861,
9.9681

■ 46.7143, -26.7220,
16.1598

■ 13.0456, -14.4203,
8.4929

■ 57.0987, -29.3407,
18.0210

■ 6.5183, -11.4069,
4.5628

■ 68.1557, -31.8518,
19.8253

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.8465, -34.2788,
21.5875

0.0000, NaN, NaN

■ 92.1385, -36.6390,
23.3181

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.0036,

-38.9451, 25.0251

0.0000, NaN, NaN

■ 118.4173,
-41.2072, 26.7147

■ 28.1607, -21.0098,
12.1728

■ 28.1607, -21.0098,
12.1728

■ 27.9759, -21.9291,
13.1197

■ 28.4109, -19.8121,
11.1292

■ 27.8692, -22.4584,
13.6472

■ 28.7361, -18.2974,
10.0041

■ 29.1408, -16.4637,
8.8101

■ 29.6272, -14.3181,
7.5604

■ 30.1964, -11.8749,
6.2687

■ 30.8482, -9.1542,
4.9483

■ 31.5817, -6.1804,
3.6121

■ 32.3949, -2.9798,
2.2716

■ 33.2854, 0.4202,
0.9372

Harmonies

Analogous

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



28.1613, -13.0531, 16.1797



28.1607, -21.0098, 12.1728



28.1613, -23.8732, 2.5821

Triad

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



28.1613, -21.0101, 12.1730



28.1613, -2.6202, -38.5714



28.1613, 26.9076, 11.0946

Complementary

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



28.1607, -21.0098, 12.1728



17.2838, 26.6598, -5.5233

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.



28.1613, 31.1930, 0.4417



28.1607, -21.0098, 12.1728



28.1613, 12.2703, -32.4255

Square

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



28.1613, -21.0101, 12.1730



28.1613, -14.6492, -30.2952



28.1613, 25.3826, -16.1587



28.1613, 14.6060, 15.8084

Rectangle

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



28.1607, -21.0098, 12.1728



28.1613, -23.0397, -7.4962



28.1613, 25.3826, -16.1587



28.1613, 29.4280, 8.3045

Sweetspot

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



28.1613, -21.0101, 12.1730



40.6205, -12.8948, 6.9152



29.6895, -15.3005, 17.1240



20.2365, -6.8847, 3.6674



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.1613, -21.0101, 12.1730



36.8451, -29.8631, 18.4127



28.8826, -16.6212, 1.7466



16.1191, -2.3443, 1.4923



33.5094, -27.1114, 16.6420



78.3141, -64.0742, 40.4321

Inverse Universe

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



17.2838, 26.6598, -5.5233



21.2318, 38.8354, -5.4681



16.4139, 23.2287, 6.8728



15.3932, 0.7171, 0.2318



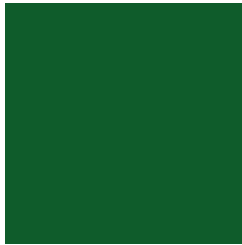
19.3184, 35.3577, -5.1481



45.0133, 82.0442, -9.3435

Previews

White Background



This preview shows how the HunterLab color 28.1607, -21.0098, 12.1728 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

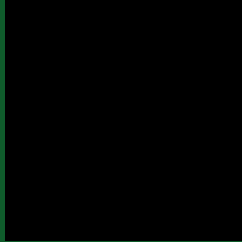
Any Text WCAG AA × Fail

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 28.1607, -21.0098, 12.1728 Background



This preview shows how black text looks on a background with the HunterLab color 28.1607, -21.0098, 12.1728.



This preview shows how white text looks on a background with the HunterLab color 28.1607,

-21.0098, 12.1728.

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

28.1607, -21.0098, 12.1728

Protanopia

28.2108, -3.4363, 13.2892

Deuteranopia

28.0373, 1.3664, 11.6133



Tritanopia

28.3489, -10.3964, -4.8612

Trichromacy



Original Color

28.1607, -21.0098, 12.1728

Protanomaly

27.3605, -12.1436, 12.2966

Deuteranomaly

27.2491, -9.5271, 10.9999

Tritanomaly

28.1581, -15.1857, 3.0688

Monochromacy



Original Color

28.1607, -21.0098, 12.1728

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

24.0082, -10.1235, 5.3769

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.1607, -21.0098, 12.1728 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(15, 92, 43)` looks like.

```
.text, #text, p{  
    color:rgb(15, 92, 43)  
}
```

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(15, 92, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 92, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 28.1607, -21.0098, 12.1728 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(15, 92, 43) }
```


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

```
.border{ border-color:rgb(15, 92, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 92, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 92, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 92, 43);  
box-shadow:4px 4px 4px 4px rgb(15, 92, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.1607, -21.0098, 12.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 92, 43) }
```

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

```
.background{ background-color: rgb(15, 92,  
43) }
```

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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