

Converting Colors

HunterLab(12.1442, 21.7860,
0.1841)

Have a look what the booklet for
HunterLab(12.1442, 21.7860,
0.1841) contains.

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Color

**HunterLab(12.0869, 21.7032,
0.0279)**

Conversions

Conversions Part 1

Format	Color
Hex	470023
RGB	71, 0, 35
RGB Percent	28%, 0%, 14%
CMY	0.7216, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.51, 0.72
HSL	330°, 100%, 14%
HSV	330°, 100%, 28%
XYZ	2.9019, 1.4609, 1.7191
YIQ	25.2190, 31.0810, 25.9370

Conversions

Conversions Part 2

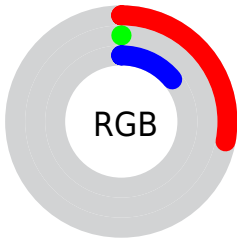
Format	Color
R_{YB}	71, 0, 35
Decimal	4653091
CIE _{Lab}	12.36, 34.04, -1.28
CIE _{LCh}	12, 34.065, 357.845
Yxy	1.4610, 0.4771, 0.2402
Android (android.graphics.Color)	4282843171 (0xFF470023)
YUV	25.2190, 4.8220, 40.1499
Hunter-Lab	12.0869, 21.7032, 0.0279

Details

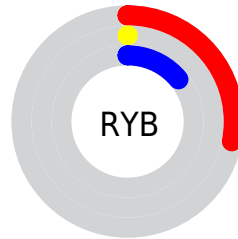
The HunterLab color **12.0869, 21.7032, 0.0279** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **21.5264, -16.3458, 8.3804**, and the grayscale version is **9.9058, -0.5285, 0.5382**.

A 20% lighter version of the original color is **26.8914, 24.6794, 0.6932**, and **1.3914, 2.3828, 0.8991** is the 20% darker color. If you saturate the color by 10%, you get **12.0869, 21.7030, 0.0286**, and if you desaturate by 10%, it is **12.7970, 19.9423, -0.4984**.

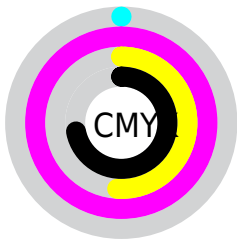
Distribution



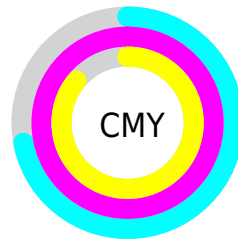
- Red (28%)
- Green (0%)
- Blue (14%)



- Red (28%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (72%)



- Cyan (72%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0869, 21.7032, 0.0279 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 12.0869, 21.7032, 0.0279 by changing the saturation by 10% instead.

12.0869, 21.7032,
0.0279

12.0869, 21.7032,
0.0279

103.0647, 31.8851,
4.3490

5.1093, 29.5623,
-0.7613

26.9164, 24.7886,
0.6517

0.0000, INF, NaN

0.0000, NaN, NaN

35.6832, 26.1484,
1.0511

0.0000, NaN, NaN

45.2374, 27.3761,
1.4996

0.0000, NaN, NaN

55.5186, 28.4816,
1.9926

0.0000, NaN, NaN

0.0000, NaN, NaN


66.4787, 29.4757,
2.5267


0.0000, NaN, NaN


78.0779, 30.3687,


0.0000, NaN, NaN


3.0989


 90.2828, 31.1692,
3.7070


 12.0869, 21.7032,
0.0279


 12.0869, 21.7032,
0.0279


 12.0869, 21.7030,
0.0286

 12.7970, 19.9423,
-0.4984

 13.5195, 18.3244,
-1.0376

 14.4320, 16.3202,
-1.3556

 15.5387, 14.0044,
-1.4370

 16.8183, 11.5050,
-1.3095

■ 18.2486, 8.9193,
-1.0069

■ 19.8089, 6.3119,
-0.5624

■ 21.4811, 3.7213,
-0.0045

■ 23.2500, 1.1676,
0.6437

Harmonies

Analogous

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



12.0873, 17.5638, -11.6391



12.0869, 21.7032, 0.0279



12.0873, 18.5572, 6.6105

Triad

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



12.0873, 21.7019, 0.0283



12.0873, -7.6565, 8.4611



12.0873, -8.4841, -22.8961

Complementary

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



12.0869, 21.7032, 0.0279



21.5264, -16.3458, 8.3804

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.



12.0873, -12.8083, -9.7079



12.0869, 21.7032, 0.0279



12.0873, -12.3464, 7.3716

Square

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



12.0873, 21.7019, 0.0283



12.0873, 0.0061, 8.4611



12.0873, -14.2214, 1.2554



12.0873, -1.2837, -29.6211

Rectangle

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



12.0869, 21.7032, 0.0279



12.0873, 13.1478, 8.4611



12.0873, -14.2214, 1.2554



12.0873, -10.1916, -18.7530

Sweetspot

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



12.0873, 21.7019, 0.0283



25.5126, 8.6039, -0.8072



9.0619, 20.5365, -33.0594



12.6991, 4.6664, -0.4667



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.0873, 21.7019, 0.0283



15.6730, 28.0617, 0.6611



11.5744, 19.8198, 7.4785



12.3474, 0.4278, 0.3890



17.0294, 30.4666, 0.9016



41.8207, 74.4096, 5.3933

Inverse Universe

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



12.0873, 21.7019, 0.0283



15.6730, 28.0617, 0.6611



22.2742, -11.8085, -2.3491



12.3474, 0.4278, 0.3890



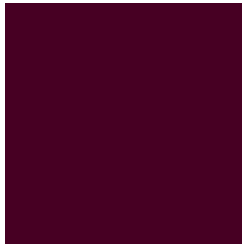
17.0294, 30.4666, 0.9016



41.8207, 74.4096, 5.3933

Previews

White Background



This preview shows how the HunterLab color 12.0869, 21.7032, 0.0279 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

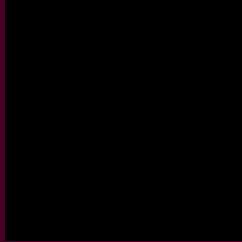
Any Text WCAG AA × Fail

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 12.0869, 21.7032, 0.0279 Background



This preview shows how black text looks on a background with the HunterLab color 12.0869, 21.7032, 0.0279.



This preview shows how white text looks on a background with the HunterLab color 12.0869, 21.7032,

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

12.0869, 21.7032, 0.0279

Protanopia

13.5059, 0.8892, -5.4112

Deuteranopia

13.6319, 0.3220, 2.4621



Tritanopia

12.8370, 15.9427, 6.2703

Trichromacy



Original Color

12.0869, 21.7032, 0.0279

Protanomaly

11.8600, 8.6289, -4.9519

Deuteranomaly

12.1634, 8.7851, 0.6352

Tritanomaly

12.4715, 17.7962, 4.3879

Monochromacy



Original Color

12.0869, 21.7032, 0.0279

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.7546, 7.8509, -0.9170

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0869, 21.7032, 0.0279 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(71, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 35)  
}
```

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(71, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0869, 21.7032, 0.0279 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(71, 0, 35) }
```


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

```
.border{ border-color:rgb(71, 0, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 0, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 0, 35); box-shadow:4px  
4px 4px 4px rgb(71, 0, 35) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0869, 21.7032, 0.0279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 35) }
```

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

```
.background{ background-color: rgb(71, 0,  
35) }
```

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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