

Converting Colors

HunterLab(12.9451, 24.6485,
-10.8563)

Have a look what the booklet for
HunterLab(12.9451, 24.6485,
-10.8563) contains.

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Color

**HunterLab(12.9067, 24.6308,
-11.2537)**

Conversions

Conversions Part 1	
Format	Color
Hex	47003C
RGB	71, 0, 60
RGB Percent	28%, 0%, 24%
CMY	0.7216, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.15, 0.72
HSL	309°, 100%, 14%
HSV	309°, 100%, 28%
XYZ	3.4141, 1.6658, 4.4165
YIQ	28.0690, 23.0560, 33.7120

Conversions

Conversions Part 2

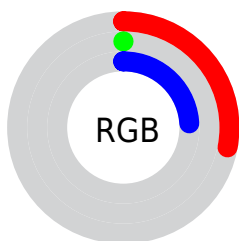
Format	Color
RYB	71, 0, 60
Decimal	4653116
CIELab	13.63, 37.28, -17.64
CIELCh	14, 41.239, 334.677
Yxy	1.6659, 0.3595, 0.1754
Android (android.graphics.Color)	4282843196 (0xFF47003C)
YUV	28.0690, 15.7420, 37.6505
Hunter-Lab	12.9067, 24.6308, -11.2537

Details

The HunterLab color **12.9067, 24.6308, -11.2537** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.2854, -17.8466, 11.9213**, and the grayscale version is **10.7458, -0.5734, 0.5838**.

A 20% lighter version of the original color is **28.0332, 27.6822, -12.2476**, and **3.9570, 7.7219, -4.7716** is the 20% darker color. If you saturate the color by 10%, you get **12.9067, 24.6308, -11.2534**, and if you desaturate by 10%, it is **13.5344, 22.7473, -10.6641**.

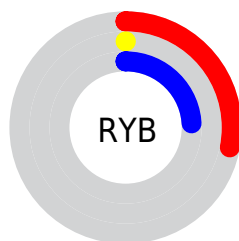
Distribution



Red (28%)

Green (0%)

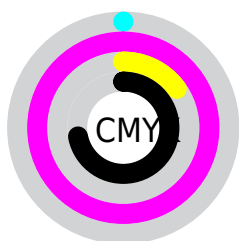
Blue (24%)



Red (28%)

Yellow (0%)

Blue (24%)

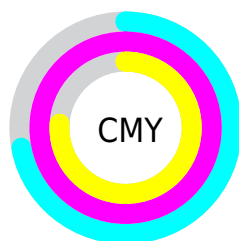


Cyan (0%)

Magenta (100%)

Yellow (15%)

Black (72%)



Cyan (72%)











Magenta (100%)

Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.9067, 24.6308, -11.2537 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 12.9067, 24.6308, -11.2537 by changing the saturation by 10% instead.


 12.9067, 24.6308, -11.2537	 12.9067, 24.6308, -11.2537
 104.7255, 35.7938, -13.1704	 6.3359, 27.6888, -12.9379
 27.9820, 27.9013, -12.1099	0.0000, INF, -NF
 36.8526, 29.3736, -12.4610	0.0000, NaN, NaN
 46.5020, 30.7173, -12.7412	0.0000, NaN, NaN
 56.8718, 31.9392, -12.9516	0.0000, NaN, NaN
 67.9149, 33.0489, -13.0957	0.0000, NaN, NaN
 79.5927, 34.0558,	0.0000, NaN, NaN


-13.1776


 91.8723, 34.9683,
-13.2013


 12.9067, 24.6308,
-11.2537


 12.9067, 24.6308,
-11.2537

 12.9067, 24.6308,
-11.2534

 13.5344, 22.7473,
-10.6641

 14.1745, 20.9492,
-10.0827

 14.9980, 18.7171,
-9.1954

 16.0128, 16.1241,
-8.0323

 17.2017, 13.3057,
-6.6679

■ 18.5449, 10.3718,
-5.1682

■ 20.0230, 7.4007,
-3.5845

■ 21.6186, 4.4418,
-1.9532

■ 23.3162, 1.5235,
-0.2985

Harmonies

Analogous

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



12.9070, 13.7348, -29.3517



12.9067, 24.6308, -11.2537



12.9070, 27.9910, 2.2423

Triad

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



12.9070, 24.6299, -11.2531



12.9070, -2.3742, 9.0349



12.9070, -14.2080, -16.8617

Complementary

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



12.9067, 24.6308, -11.2537



21.2854, -17.8466, 11.9213

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.



12.9070, -16.6347, -1.0539



12.9067, 24.6308, -11.2537



12.9070, -10.6779, 9.0349

Square

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



12.9070, 24.6299, -11.2531



12.9070, 9.6957, 9.0349



12.9070, -15.3433, 7.1546



12.9070, -8.5677, -34.0909

Rectangle

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



12.9067, 24.6308, -11.2537



12.9070, 24.7986, 7.0195



12.9070, -15.3433, 7.1546



12.9070, -15.4096, -10.8827

Sweetspot

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



12.9070, 24.6299, -11.2531



25.8032, 10.0750, -4.9057



7.2374, 18.6775, -44.0488



12.8558, 5.4546, -2.6747



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.



12.9070, 24.6299, -11.2531



16.7602, 31.9480, -14.3302



11.8711, 20.9139, 3.1292



12.3772, 0.5882, -0.0348



18.2176, 34.7152, -15.4918



44.8543, 85.2777, -36.6230

Inverse Universe

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



12.9070, 24.6299, -11.2531



16.7602, 31.9480, -14.3302



21.6910, -15.3335, 5.9894



12.3772, 0.5882, -0.0348



18.2176, 34.7152, -15.4918



44.8543, 85.2777, -36.6230

Previews

White Background



This preview shows how the HunterLab color 12.9067, 24.6308, -11.2537 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



This preview shows how the HunterLab color 12.9067, 24.6308, -11.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

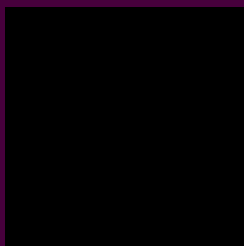
Any Text WCAG AA × Fail

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 12.9067, 24.6308, -11.2537 Background



This preview shows how black text looks on a background with the HunterLab color 12.9067, 24.6308, -11.2537.



This preview shows how white text looks on a background with the HunterLab color 12.9067, 24.6308, -11.2537.

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

12.9067, 24.6308, -11.2537

Protanopia

14.0193, 2.7273, -23.4105

Deuteranopia

14.3523, 0.5848, -6.6017



Tritanopia

13.9728, 12.4156, 4.9248

Trichromacy



Original Color

12.9067, 24.6308, -11.2537

Protanomaly

11.6358, 9.6318, -24.7799

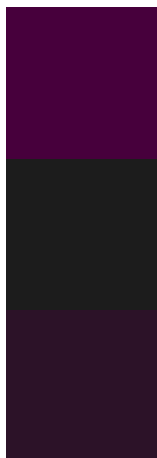
Deuteranomaly

12.6294, 9.8188, -10.2183

Tritanomaly

13.2166, 17.0492, 0.2164

Monochromacy



Original Color

12.9067, 24.6308, -11.2537

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.5891, 9.0811, -4.5563

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9067, 24.6308, -11.2537 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, 60)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 60)  
}
```

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, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9067, 24.6308, -11.2537 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, 60) }
```


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

```
.border{ border-color:rgb(71, 0, 60) }
```

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, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 0, 60); box-shadow:4px  
4px 4px 4px rgb(71, 0, 60) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9067, 24.6308, -11.2537 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, 60) }
```

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

```
.background{ background-color: rgb(71, 0,  
60) }
```

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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