

Converting Colors

HunterLab(15.7585, 29.9787,
-13.0092)

Have a look what the booklet for
HunterLab(15.7585, 29.9787,
-13.0092) contains.

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Color

**HunterLab(15.7928, 30.0081,
-12.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	570048
RGB	87, 0, 72
RGB Percent	34%, 0%, 28%
CMY	0.6588, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.17, 0.66
HSL	310°, 100%, 17%
HSV	310°, 100%, 34%
XYZ	5.1002, 2.4941, 6.3435
YIQ	34.2210, 28.7400, 40.8360

Conversions

Conversions Part 2

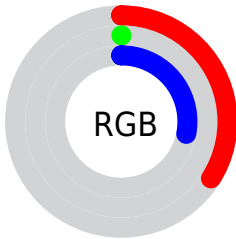
Format	Color
R_{YB}	87, 0, 72
Decimal	5701704
CIE Lab	17.89, 42.50, -19.10
CIE LCh	18, 46.596, 335.804
Yxy	2.4943, 0.3659, 0.1790
Android (android.graphics.Color)	4283891784 (0xFF570048)
YUV	34.2210, 18.6250, 46.2872
Hunter-Lab	15.7928, 30.0081, -12.7601

Details

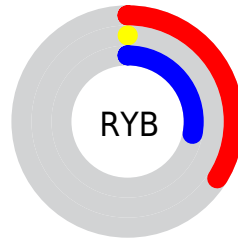
The HunterLab color **15.7928, 30.0081, -12.7601** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26.1744, -21.9736, 14.7197**, and the grayscale version is **12.6550, -0.6752, 0.6876**.

A 20% lighter version of the original color is **31.7551, 33.4134, -13.6220**, and **7.3141, 13.6718, -4.1594** is the 20% darker color. If you saturate the color by 10%, you get **15.7928, 30.0081, -12.7596**, and if you desaturate by 10%, it is **16.4406, 28.1673, -12.4230**.

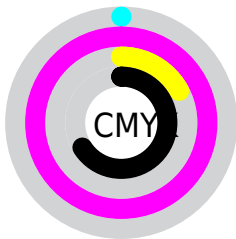
Distribution



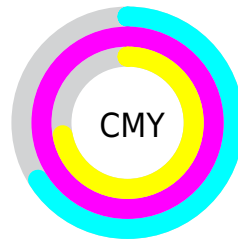
- Red (34%)
- Green (0%)
- Blue (28%)



- Red (34%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (66%)



- Cyan (66%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7928, 30.0081, -12.7601 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 15.7928, 30.0081, -12.7601 by changing the saturation by 10% instead.

15.7928, 30.0081,
-12.7601

15.7928, 30.0081,
-12.7601

110.3776, 42.4711,
-14.8635

9.3475, 28.3567,
-12.3771

31.6670, 33.5238,
-13.6497

0.0000, INF, -NF

0.0000, NaN, NaN

40.8779, 35.1371,
-14.0167

0.0000, NaN, NaN

50.8410, 36.6290,
-14.3156

0.0000, NaN, NaN

0.0000, NaN, NaN

61.5033, 38.0031,
-14.5471

0.0000, NaN, NaN

72.8216, 39.2667,
-14.7140

0.0000, NaN, NaN

84.7598, 40.4276,

0.0000, NaN, NaN

-14.8201

97.2873, 41.4934,
-14.8688

15.7928, 30.0081,
-12.7601

15.7928, 30.0081,
-12.7601

15.7928, 30.0081,
-12.7596

16.4406, 28.1673,
-12.4230

17.1693, 26.1708,
-11.9495

18.1618, 23.4935,
-11.0177

19.4087, 20.3059,
-9.7036

20.8874, 16.7941,
-8.1047

■ 22.5715, 13.1127,
-6.3107

■ 24.4347, 9.3718,
-4.3925

■ 26.4528, 5.6416,
-2.4010

■ 28.6050, 1.9616,
-0.3702

Harmonies

Analogous

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



15.7932, 17.1286, -34.4705



15.7928, 30.0081, -12.7601



15.7932, 33.6142, 3.1326

Triad

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



15.7932, 30.0069, -12.7594



15.7932, -3.3537, 11.0552



15.7932, -16.7221, -21.0997

Complementary

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



15.7928, 30.0081, -12.7601



26.1744, -21.9736, 14.7197

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.



15.7932, -19.1495, -1.8111



15.7928, 30.0081, -12.7601



15.7932, -13.2181, 11.0552

Square

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



15.7932, 30.0069, -12.7594



15.7932, 11.0983, 11.0552



15.7932, -18.0859, 7.9708



15.7932, -10.0380, -41.4916

Rectangle

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



15.7928, 30.0081, -12.7601



15.7932, 29.5015, 8.2820



15.7932, -18.0859, 7.9708



15.7932, -17.9322, -13.8686

Sweetspot

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



15.7932, 30.0069, -12.7594



31.6742, 12.7182, -5.9867



8.8639, 22.9394, -54.4499



15.3399, 6.8807, -3.2679



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



15.7932, 30.0069, -12.7594



20.6049, 39.1094, -16.3201



14.5434, 25.5140, 4.6684



14.6449, 0.7694, -0.0613



19.6141, 37.2356, -15.5879



46.3637, 87.8144, -35.2746

Inverse Universe

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



15.7932, 30.0069, -12.7594



20.6049, 39.1094, -16.3201



26.6871, -18.7970, 7.2214



14.6449, 0.7694, -0.0613



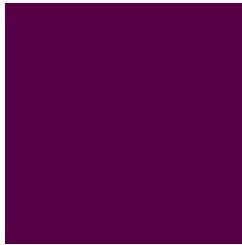
19.6141, 37.2356, -15.5879



46.3637, 87.8144, -35.2746

Previews

White Background



This preview shows how the HunterLab color 15.7928, 30.0081, -12.7601 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

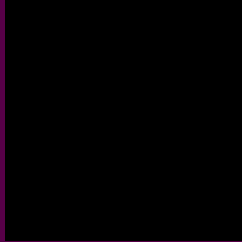
Any Text WCAG AA × Fail

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 15.7928, 30.0081, -12.7601 Background



This preview shows how black text looks on a background with the HunterLab color 15.7928, 30.0081, -12.7601.



This preview shows how white text looks on a background with the HunterLab color 15.7928, 30.0081, -12.7601.

-12.7601.

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

15.7928, 30.0081, -12.7601

Protanopia

16.8399, 4.2545, -30.2326

Deuteranopia

17.0933, 1.1470, -8.4164



Tritanopia

16.6230, 16.1911, 6.1455

Trichromacy



Original Color

15.7928, 30.0081, -12.7601

Protanomaly

13.8097, 12.5188, -31.8488

Deuteranomaly

15.0258, 12.7097, -12.7348

Tritanomaly

15.8332, 21.2892, 0.8324

Monochromacy



Original Color

15.7928, 30.0081, -12.7601

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.4262, 11.1296, -5.4904

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7928, 30.0081, -12.7601 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(87, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 72)  
}
```

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(87, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7928, 30.0081, -12.7601 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(87, 0, 72) }
```


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

```
.border{ border-color:rgb(87, 0, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 0, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 0, 72); box-shadow:4px  
4px 4px 4px rgb(87, 0, 72) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7928, 30.0081, -12.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 72) }
```

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

```
.background{ background-color: rgb(87, 0,  
72) }
```

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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