

Converting Colors

HunterLab(12.9848, 30.8480,
-58.3620)

Have a look what the booklet for
HunterLab(12.9848, 30.8480,
-58.3620) contains.

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Color

**HunterLab(12.9757, 30.8971,
-58.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	2D006E
RGB	45, 0, 110
RGB Percent	18%, 0%, 43%
CMY	0.8235, 1.0000, 0.5686
CMYK	0.59, 1.00, 0.00, 0.57
HSL	265°, 100%, 22%
HSV	265°, 100%, 43%
XYZ	3.8967, 1.6837, 14.8715
YIQ	25.9950, -8.4900, 43.7500

Conversions

Conversions Part 2

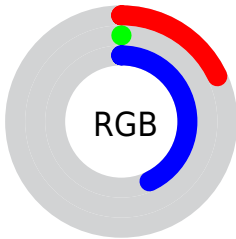
Format	Color
R_{YB}	45, 0, 110
Decimal	2949230
CIE _{Lab}	13.73, 44.26, -51.74
CIE _{LCh}	14, 68.083, 310.544
Yxy	1.6838, 0.1905, 0.0823
Android (android.graphics.Color)	4281139310 (0xFF2D006E)
YUV	25.9950, 41.4145, 16.6674
Hunter-Lab	12.9757, 30.8971, -58.8695

Details

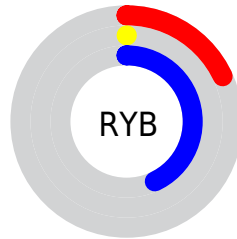
The HunterLab color **12.9757, 30.8971, -58.8695** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **35.0366, -21.8011, 21.2077**, and the grayscale version is **10.0421, -0.5358, 0.5456**.

A 20% lighter version of the original color is **28.1067, 34.2595, -55.1745**, and **5.8045, 15.7447, -41.2434** is the 20% darker color. If you saturate the color by 10%, you get **12.9760, 30.8975, -58.8681**, and if you desaturate by 10%, it is **14.4294, 28.2497, -51.2293**.

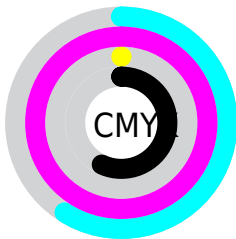
Distribution



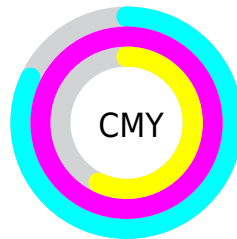
- Red (18%)
- Green (0%)
- Blue (43%)



- Red (18%)
- Yellow (0%)
- Blue (43%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (82%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9757, 30.8971, -58.8695 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 12.9757, 30.8971, -58.8695 by changing the saturation by 10% instead.

■ 12.9757, 30.8971,
-58.8695

■ 12.9757, 30.8971,
-58.8695

■ 104.8639, 44.2056,
-59.0126

■ 6.4274, 34.4072,
-74.6820

■ 28.0712, 34.5074,
-55.0493

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.9504, 36.2292,
-55.0238

0.0000, NaN, -NF

■ 46.6077, 37.8350,
-55.4193

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9847, 39.3221,
-56.0264

0.0000, NaN, NaN


■ 68.0348, 40.6955,
-56.7375


0.0000, NaN, NaN


■ 79.7190, 41.9623,


0.0000, NaN, NaN


-57.4929


 92.0048, 43.1300,
-58.2582


 12.9757, 30.8971,
-58.8695


 12.9757, 30.8971,
-58.8695


 12.9760, 30.8975,
-58.8681

 14.4294, 28.2497,
-51.2293

 16.1222, 25.4451,
-43.8711

 18.2220, 22.0427,
-36.3850

 20.6563, 18.4121,
-29.2919

 23.3601, 14.7627,
-22.7890

■ 26.2814, 11.1883,
-16.8895

■ 29.3811, 7.7191,
-11.5293

■ 32.6293, 4.3553,
-6.6231

■ 36.0039, 1.0851,
-2.0886

Harmonies

Analogous

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



12.9760, 6.3719, -93.6012



12.9757, 30.8971, -58.8695



12.9760, 51.7297, -16.0545

Triad

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



12.9760, 30.8975, -58.8681



12.9760, 13.1838, 9.0832



12.9760, -22.7080, -7.0060

Complementary

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



12.9757, 30.8971, -58.8695



35.0366, -21.8011, 21.2077

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.



12.9760, -22.7080, 8.7644



12.9757, 30.8971, -58.8695



12.9760, -6.5097, 9.0832

Square

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



12.9760, 30.8975, -58.8681



12.9760, 38.1823, 9.0832



12.9760, -17.6937, 9.0832



12.9760, -20.2058, -45.1117

Rectangle

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



12.9757, 30.8971, -58.8695



12.9760, 56.3314, 1.0192



12.9760, -17.6937, 9.0832



12.9760, -22.7080, 0.3854

Sweetspot

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



12.9760, 30.8975, -58.8681



38.5999, 10.5919, -15.8234



22.4104, -1.2828, -25.2418



17.9925, 5.7970, -8.6781



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



12.9760, 30.8975, -58.8681



16.9981, 40.7408, -79.1778



19.4383, 39.0801, -32.3340



18.3328, 0.3880, -0.8381



14.1641, 33.8044, -64.8619



30.8465, 74.6654, -149.3667

Inverse Universe

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



19.2266, 34.9110, -2.9619



25.4319, 46.0931, -3.2573



33.5009, -28.1812, 20.1497



18.5243, 0.9176, 0.3370



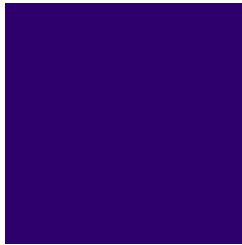
21.0593, 38.2137, -3.0510



46.8166, 84.6179, -4.1896

Previews

White Background



This preview shows how the HunterLab color 12.9757, 30.8971, -58.8695 looks on a white background.

Color Contrast Check

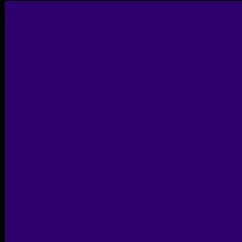
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.9757, 30.8971, -58.8695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

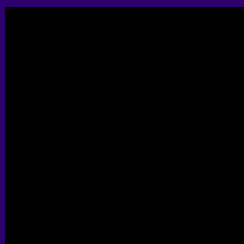
Any Text WCAG AA × Fail

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 12.9757, 30.8971, -58.8695 Background



This preview shows how black text looks on a background with the HunterLab color 12.9757, 30.8971, -58.8695.



This preview shows how white text looks on a background with the HunterLab color 12.9757, 30.8971, -58.8695.

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

12.9757, 30.8971, -58.8695

Protanopia

13.9669, 2.4526, -22.7519

Deuteranopia

13.9102, -1.2167, -14.7599



Tritanopia

14.2975, -5.1926, -1.9996

Trichromacy



Original Color

12.9757, 30.8971, -58.8695

Protanomaly

12.2540, 13.3083, -39.0174

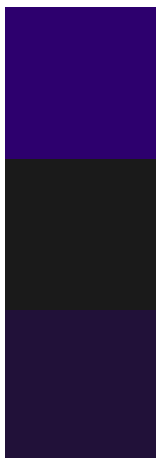
Deuteranomaly

11.9581, 10.7585, -33.0188

Tritanomaly

12.0273, 7.4195, -20.2139

Monochromacy



Original Color

12.9757, 30.8971, -58.8695

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.0977, 10.0146, -16.3310

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9757, 30.8971, -58.8695 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(45, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(45, 0, 110)  
}
```

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(45, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 0, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9757, 30.8971, -58.8695 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(45, 0, 110) }
```


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

```
.border{ border-color:rgb(45, 0, 110) }
```

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

Here you see how a box with a 4 pixel rgb(45, 0, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(45, 0, 110)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9757, 30.8971, -58.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 0, 110) }
```

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

```
.background{ background-color: rgb(45, 0,  
110) }
```

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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