

# Converting Colors

HunterLab(29.1641, 7.1693,  
-13.0654)

Have a look what the booklet for  
HunterLab(29.1641, 7.1693,  
-13.0654) contains.

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# Color

**HunterLab(29.1613, 7.1733,  
-13.0723)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	574D70
RGB	87, 77, 112
RGB Percent	34%, 30%, 44%
CMY	0.6588, 0.6980, 0.5608
CMYK	0.22, 0.31, 0.00, 0.56
HSL	257°, 19%, 37%
HSV	257°, 31%, 44%
XYZ	9.5090, 8.5038, 16.4694
YIQ	83.9800, -5.2750, 13.0050

# Conversions

## Conversions Part 2

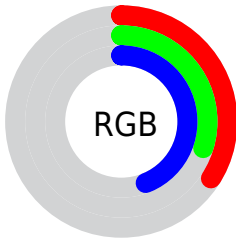
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 77, 112
Decimal	5721456
CIE <sub>Lab</sub>	35.01, 12.24, -18.61
CIE <sub>LCh</sub>	35, 22.275, 303.329
Yxy	8.5042, 0.2758, 0.2466
Android (android.graphics.Color)	4283911536 (0xFF574D70)
YUV	83.9800, 13.8139, 2.6485
Hunter-Lab	29.1613, 7.1733, -13.0723

# Details

The HunterLab color  $29.1613, 7.1733, -13.0723$  is a dark color, and the websafe version is hex  $666699$ . A complement of this color would be  $38.6641, -9.4299, 12.8923$ , and the grayscale version is  $29.7210, -1.5858, 1.6148$ .

A 20% lighter version of the original color is  $47.8753, 7.4838, -13.8644$ , and  $13.8899, 6.3260, -12.0350$  is the 20% darker color. If you saturate the color by 10%, you get  $25.8949, 10.4216, -18.9599$ , and if you desaturate by 10%, it is  $32.5814, 4.0712, -7.7479$ .

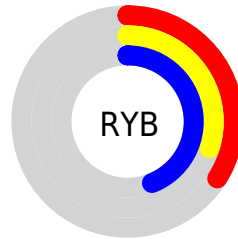
# Distribution



 Red (34%)

 Green (30%)

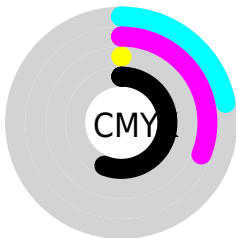
 Blue (44%)




 Red (34%)

 Yellow (30%)

 Blue (44%)

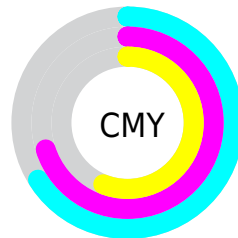



 Cyan (22%)


 Magenta (31%)

 Yellow (0%)

 Black (56%)



 Cyan (66%)

 Magenta (70%)

 Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1613, 7.1733, -13.0723 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 29.1613, 7.1733, -13.0723 by changing the saturation by 10% instead.



■ 29.1613, 7.1733,  
-13.0723

■ 29.1613, 7.1733,  
-13.0723

■ 134.0278, 6.8564,  
-14.1352

■ 21.0219, 6.8100,  
-12.6400

■ 47.8968, 7.5847,  
-13.7461

■ 13.8229, 6.3114,  
-12.1862

■ 58.3624, 7.6637,  
-13.9805

■ 7.4485, 6.7622,  
-12.6523

■ 69.4957, 7.6717,  
-14.1492

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.2586, 7.6159,  
-14.2561

0.0000, NaN, NaN

■ 93.6193, 7.5021,  
-14.3048

0.0000, NaN, NaN

106.5499, 7.3351,

0.0000, NaN, NaN

-14.2988

0.0000, NaN, NaN

120.0266, 7.1188,  
-14.2413

■ 29.1613, 7.1733,  
-13.0723

■ 29.1613, 7.1733,  
-13.0723

■ 25.8949, 10.4216,  
-18.9599

■ 32.5814, 4.0712,  
-7.7479

■ 22.8127, 13.8376,  
-25.5415

■ 36.1297, 1.0907,  
-2.8740

■ 19.9594, 17.4170,  
-32.9326

■ 39.7890, -1.7934,  
1.6440

■ 17.3955, 21.0922,  
-41.1596

■ 43.5458, -4.6022,  
5.8804

■ 15.2007, 24.6586,  
-49.9935

■ 47.3894, -7.3532,  
9.8935

■ 13.4684, 27.6907,  
-58.6980

■ 51.3115, -10.0603,  
13.7288

■ 12.1529, 30.4381,  
-66.7653

■ 55.3050, -12.7348,  
17.4218

■ 59.3643, -15.3854,  
21.0005

■ 63.4847, -18.0193,  
24.4870

# Harmonies

## Analogous

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



29.1619, -0.6792, -16.6075



29.1613, 7.1733, -13.0723



29.1619, 13.1325, -5.5908

# Triad

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



29.1619, 7.1728, -13.0716



29.1619, 5.5035, 11.6949



29.1619, -15.1020, 0.7444

# Complementary

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



29.1613, 7.1733, -13.0723



38.6641, -9.4299, 12.8923

# 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.



29.1619, -13.8148, 7.3057



29.1613, 7.1733, -13.0723



29.1619, -2.4257, 12.5611

# Square

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



29.1619, 7.1728, -13.0716



29.1619, 12.0996, 8.4038



29.1619, -9.3682, 11.1881



29.1619, -13.0878, -7.4165



# Rectangle

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



29.1613, 7.1733, -13.0723



29.1619, 14.9307, -0.1236



29.1619, -9.3682, 11.1881



29.1619, -15.0402, 3.2006

# Sweetspot

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



29.1619, 7.1728, -13.0716



48.8522, 0.6669, -2.5695



35.0243, -6.5309, -4.4825



23.6698, 0.5482, -1.6110



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208



# Same Dimension

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



29.1619, 7.1728, -13.0716



35.7170, 12.3776, -22.4779



30.7343, 12.0536, -10.4228



18.2821, 0.2153, -0.9060



13.0255, 32.6892, -72.0672



28.3975, 72.3549, -165.5490



# Inverse Universe

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



31.1642, 12.6743, -4.4904



39.0422, 21.0906, -7.6366



37.4649, -13.9047, 11.7304



18.5419, 1.0122, 0.0866



21.5591, 40.0077, -9.9999



47.9577, 88.7212, -20.1123



# Previews

## White Background



This preview shows how the HunterLab color 29.1613, 7.1733, -13.0723 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 29.1613, 7.1733, -13.0723 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

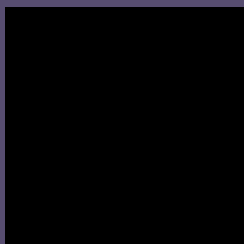
Any Text WCAG AA × Fail

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 29.1613, 7.1733, -13.0723 Background



This preview shows how black text looks on a background with the HunterLab color 29.1613, 7.1733, -13.0723.



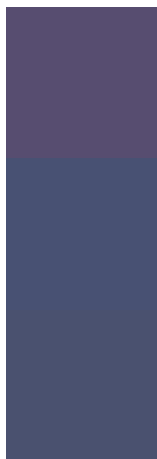
This preview shows how white text looks on a background with the HunterLab color 29.1613, 7.1733, -13.0723.

-13.0723.

# 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

29.1613, 7.1733, -13.0723

### Protanopia

29.1554, 2.3003, -14.9783

### Deuteranopia

29.1349, 1.9222, -12.6181



## Tritanopia

29.2885, -0.3897, -0.6492

# Trichromacy



## Original Color

29.1613, 7.1733, -13.0723

## Protanomaly

29.2062, 3.6899, -14.2563

## Deuteranomaly

29.2357, 3.5575, -12.4217

## Tritanomaly

29.1294, 2.2284, -5.0305

# Monochromacy



## Original Color

29.1613, 7.1733, -13.0723

## Achromatopsia

29.7751, -1.5887, 1.6177

## Achromatomaly

29.3672, 1.5434, -3.2568

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.1613, 7.1733, -13.0723 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, 77, 112)` looks like.

```
.text, #text, p{  
    color:rgb(87, 77, 112)  
}
```

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, 77, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 77, 112) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.1613, 7.1733, -13.0723 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, 77, 112) }
```



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

```
.border{ border-color:rgb(87, 77, 112) }
```

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

Here you see how a box with a 4 pixel rgb(87, 77, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 77, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 77, 112);  
box-shadow:4px 4px 4px 4px rgb(87, 77,  
112) }
```

# Background

The CSS property to change the background color of an element to HunterLab 29.1613, 7.1733, -13.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 77, 112) }
```

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

```
.background{ background-color: rgb(87, 77,  
112) }
```

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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