

Converting Colors

HunterLab(36.6690, 12.9284,
-16.0567)

Have a look what the booklet for
HunterLab(36.6690, 12.9284,
-16.0567) contains.

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Color

**HunterLab(36.6682, 12.9292,
-16.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	755D8A
RGB	117, 93, 138
RGB Percent	46%, 36%, 54%
CMY	0.5412, 0.6353, 0.4588
CMYK	0.15, 0.33, 0.00, 0.46
HSL	272°, 19%, 45%
HSV	272°, 33%, 54%
XYZ	15.8379, 13.4456, 25.8052
YIQ	105.3060, -0.1410, 19.0830

Conversions

Conversions Part 2

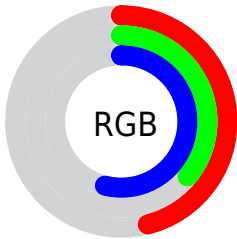
Format	Color
R_{YB}	117, 93, 138
Decimal	7691658
CIE _{Lab}	43.43, 18.99, -21.31
CIE _{LCh}	43, 28.542, 311.707
Yxy	13.4461, 0.2875, 0.2441
Android (android.graphics.Color)	4285881738 (0xFF755D8A)
YUV	105.3060, 16.1181, 10.2556
Hunter-Lab	36.6682, 12.9292, -16.0576

Details

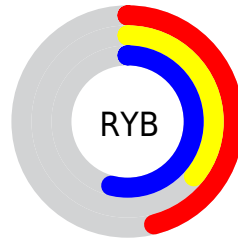
The HunterLab color $36.6682, 12.9292, -16.0576$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $47.4816, -15.4090, 16.0560$, and the grayscale version is $37.6426, -2.0085, 2.0452$.

A 20% lighter version of the original color is $56.8316, 13.8204, -16.7650$, and $19.9162, 11.4101, -15.0129$ is the 20% darker color. If you saturate the color by 10%, you get $32.8745, 17.9352, -22.7946$, and if you desaturate by 10%, it is $40.6852, 8.0201, -9.8300$.

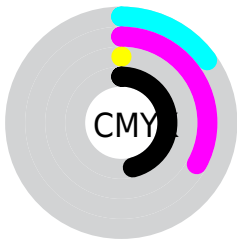
Distribution



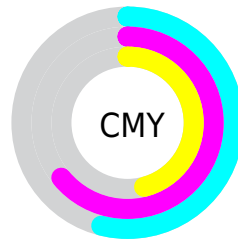
- Red (46%)
- Green (36%)
- Blue (54%)



- Red (46%)
- Yellow (36%)
- Blue (54%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6682, 12.9292, -16.0576 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 36.6682, 12.9292, -16.0576 by changing the saturation by 10% instead.

■ 36.6682, 12.9292, -16.0576

■ 36.6682, 12.9292, -16.0576

146.2044, 14.7839, -17.4504

■ 27.8145, 12.2907, -15.6031

■ 56.6595, 13.8729, -16.7840

■ 19.8161, 11.5175, -15.1153

■ 67.6897, 14.2071, -17.0511

■ 12.7777, 10.5841, -14.6724

■ 79.3552, 14.4627, -17.2560

■ 6.1603, 13.1033, -17.2500

■ 91.6231, 14.6472, -17.4016

0.0000, NaN, -NF

0.0000, NaN, NaN

104.4652, 14.7668, -17.4910

0.0000, NaN, NaN

117.8569, 14.8267,

0.0000, NaN, NaN

-17.5271

0.0000, NaN, NaN

131.7764, 14.8312,
-17.5127

■ 36.6682, 12.9292,
-16.0576

■ 36.6682, 12.9292,
-16.0576

■ 32.8745, 17.9352,
-22.7946

■ 40.6852, 8.0201,
-9.8300

■ 29.3467, 22.9952,
-30.0930

■ 44.8885, 3.2198,
-4.0428

■ 26.1430, 27.9933,
-37.9324

■ 49.2523, -1.4797,
1.3778

■ 23.3346, 32.6960,
-46.1439

■ 53.7558, -6.0918,
6.4970

■ 21.0008, 36.7064,
-54.3010

■ 58.3825, -10.6315,
11.3702

■ 19.2132, 39.4911,
-61.6700

■ 63.1194, -15.1132,
16.0431

■ 18.0970, 41.1311,
-66.9056

■ 67.9559, -19.5495,
20.5532

■ 72.8832, -23.9515,
24.9306

■ 77.8941, -28.3282,
29.2000

Harmonies

Analogous

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



36.6690, 2.3573, -23.1389



36.6682, 12.9292, -16.0576



36.6690, 19.9488, -4.7718

Triad

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



36.6690, 12.9284, -16.0567



36.6690, 4.7995, 16.2489



36.6690, -20.1807, -2.2493

Complementary

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



36.6682, 12.9292, -16.0576



47.4816, -15.4090, 16.0560

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.



36.6690, -19.6881, 7.6780



36.6682, 12.9292, -16.0576



36.6690, -6.0836, 16.5635

Square

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



36.6690, 12.9284, -16.0567



36.6690, 14.8937, 12.8691



36.6690, -14.7941, 13.9062



36.6690, -16.2280, -13.7557

Rectangle

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



36.6682, 12.9292, -16.0576



36.6690, 21.2289, 2.5806



36.6690, -14.7941, 13.9062



36.6690, -20.5158, 1.4016

Sweetspot

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



36.6690, 12.9284, -16.0567



60.9648, 2.7699, -3.6041



40.4563, -3.7144, -10.3746



28.5443, 1.6718, -2.1277



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



36.6690, 12.9284, -16.0567



45.0104, 21.9574, -27.7096



38.7889, 19.2286, -12.0816



22.3940, 0.7654, -1.0294



17.3535, 39.4131, -63.9382



1.6949, 3.5620, -4.0162

Inverse Universe

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



38.0097, 15.3524, -1.1430



47.2982, 25.7924, -2.1741



46.1607, -20.4097, 14.5597



22.5497, 1.0959, 0.6938



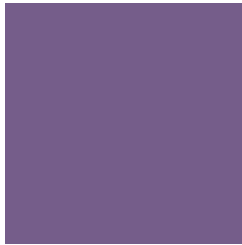
23.0229, 40.9323, 3.2109



1.9526, 3.6110, -0.8089

Previews

White Background



This preview shows how the HunterLab color 36.6682, 12.9292, -16.0576 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 × Fail

Black Background



This preview shows how the HunterLab color 36.6682, 12.9292, -16.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6682, 12.9292, -16.0576 Background



This preview shows how black text looks on a background with the HunterLab color 36.6682, 12.9292, -16.0576.



This preview shows how white text looks on a background with the HunterLab color 36.6682, 12.9292, -16.0576.

-16.0576.

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

36.6682, 12.9292, -16.0576

Protanopia

36.6672, 3.0491, -20.0173

Deuteranopia

36.6942, 2.4960, -14.9814



Tritanopia

36.6469, 3.0742, 0.1310

Trichromacy



Original Color

36.6682, 12.9292, -16.0576

Protanomaly

36.5253, 6.4330, -18.9217

Deuteranomaly

36.5599, 6.1436, -15.7455

Tritanomaly

36.6535, 6.3931, -5.0269

Monochromacy



Original Color

36.6682, 12.9292, -16.0576

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.2061, 2.8773, -3.8424

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6682, 12.9292, -16.0576 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(117, 93, 138)` looks like.

```
.text, #text, p{  
    color:rgb(117, 93, 138)  
}
```

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(117, 93, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 93, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6682, 12.9292, -16.0576 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(117, 93, 138) }
```


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

```
.border{ border-color:rgb(117, 93, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 93, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 93, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 93, 138); box-shadow:4px 4px 4px 4px rgb(117, 93, 138) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6682, 12.9292, -16.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 93, 138) }
```

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

```
.background{ background-color: rgb(117, 93,  
138) }
```

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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