

Converting Colors

HunterLab(32.8579, 12.6055,
-12.7375)

Have a look what the booklet for
HunterLab(32.8579, 12.6055,
-12.7375) contains.

HunterLab(32.9285, 12.3732, -12.6457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(32.9285, 12.3732,
-12.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	6D537A
RGB	109, 83, 122
RGB Percent	43%, 33%, 48%
CMY	0.5725, 0.6745, 0.5216
CMYK	0.11, 0.32, 0.00, 0.52
HSL	280°, 19%, 40%
HSV	280°, 32%, 48%
XYZ	12.9128, 10.8429, 19.8247
YIQ	95.2200, 2.9770, 17.6410

Conversions

Conversions Part 2

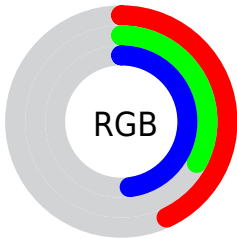
Format	Color
R_{YB}	109, 83, 122
Decimal	7164794
CIE _{Lab}	39.32, 18.61, -17.99
CIE _{LCh}	39, 25.882, 315.981
Yxy	10.8433, 0.2963, 0.2488
Android (android.graphics.Color)	4285354874 (0xFF6D537A)
YUV	95.2200, 13.2025, 12.0851
Hunter-Lab	32.9285, 12.3732, -12.6457

Details

The HunterLab color $32.9285, 12.3732, -12.6457$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $41.2682, -14.4970, 13.4174$, and the grayscale version is $33.8625, -1.8068, 1.8398$.

A 20% lighter version of the original color is $52.3901, 13.3363, -13.3829$, and $16.9097, 10.7343, -11.4937$ is the 20% darker color. If you saturate the color by 10%, you get $29.8091, 17.1259, -17.9543$, and if you desaturate by 10%, it is $36.2509, 7.6741, -7.6425$.

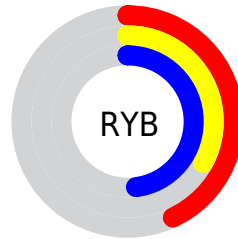
Distribution



Red (43%)

Green (33%)

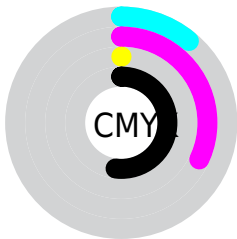
Blue (48%)



Red (43%)

Yellow (33%)

Blue (48%)

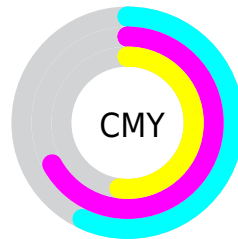


Cyan (11%)

Magenta (32%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.9285, 12.3732, -12.6457 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 32.9285, 12.3732, -12.6457 by changing the saturation by 10% instead.

■ 32.9285, 12.3732,
-12.6457

■ 32.9285, 12.3732,
-12.6457

■ 140.2104, 14.3532,
-13.2938

■ 24.4163, 11.7019,
-12.2545

■ 52.3164, 13.3641,
-13.2192

■ 16.7980, 10.8870,
-11.8132

■ 63.0745, 13.7157,
-13.4035

■ 10.1950, 9.9019,
-11.3942

■ 74.4830, 13.9858,
-13.5237

0.0000, INF, -NF

■ 86.5068, 14.1825,
-13.5839

0.0000, NaN, NaN

■ 99.1159, 14.3126,
-13.5878

0.0000, NaN, NaN

112.2844, 14.3815,

0.0000, NaN, NaN

-13.5387

0.0000, NaN, NaN

125.9892, 14.3937,
-13.4398

■ 32.9285, 12.3732,
-12.6457

■ 32.9285, 12.3732,
-12.6457

■ 29.8091, 17.1259,
-17.9543

■ 36.2509, 7.6741,
-7.6425

■ 26.9285, 21.8698,
-23.5639

■ 39.7441, 3.0570,
-2.9241

■ 24.3335, 26.4753,
-29.4055

■ 43.3846, -1.4733,
1.5447

■ 22.0774, 30.7198,
-35.3060

■ 47.1533, -5.9220,
5.8003

■ 20.2151, 34.2735,
-40.9468

■ 51.0352, -10.2984,
9.8766

■ 18.7899, 36.7459,
-45.8777

■ 55.0177, -14.6134,
13.8035

■ 17.8024, 38.3800,
-49.6804

■ 59.0909, -18.8777,
17.6065

■ 63.2466, -23.1010,
21.3072

■ 67.4778, -27.2920,
24.9234

Harmonies

Analogous

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



32.9292, 3.4015, -19.5643



32.9285, 12.3732, -12.6457



32.9292, 17.8175, -2.6818

Triad

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



32.9292, 12.3724, -12.6449



32.9292, 2.7654, 14.5509



32.9292, -17.4876, -3.3375

Complementary

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



32.9285, 12.3732, -12.6457



41.2682, -14.4970, 13.4174

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.



32.9292, -17.6168, 5.7154



32.9285, 12.3732, -12.6457



32.9292, -6.6197, 14.4674

Square

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



32.9292, 12.3724, -12.6449



32.9292, 11.8616, 11.9674



32.9292, -13.8474, 11.6937



32.9292, -13.4718, -13.2402

Rectangle

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



32.9285, 12.3732, -12.6457



32.9292, 18.3598, 3.5453



32.9292, -13.8474, 11.6937



32.9292, -17.9703, -0.0625

Sweetspot

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



32.9292, 12.3724, -12.6449



53.5353, 3.0104, -2.8341



34.2483, -0.9198, -10.7879



25.3439, 1.7643, -1.6797



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



32.9292, 12.3724, -12.6449



40.7690, 20.7889, -21.6231



34.0426, 15.3056, -7.6125



20.0344, 0.8532, -0.7892



18.2539, 39.3647, -51.0277



39.2614, 85.2098, -113.9574

Inverse Universe

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



33.4201, 12.1825, 1.1733



41.6268, 20.4746, 1.5750



40.5920, -16.8419, 10.9605



20.0874, 0.8209, 0.9204



21.2624, 37.1869, 7.7357



46.2839, 80.6507, 19.1478

Previews

White Background



This preview shows how the HunterLab color 32.9285, 12.3732, -12.6457 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 32.9285, 12.3732, -12.6457 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 32.9285, 12.3732, -12.6457 Background



This preview shows how black text looks on a background with the HunterLab color 32.9285, 12.3732, -12.6457.



This preview shows how white text looks on a background with the HunterLab color 32.9285, 12.3732, -12.6457.

-12.6457.

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

32.9285, 12.3732, -12.6457

Protanopia

33.1763, 2.2182, -16.0148

Deuteranopia

32.9613, 2.2219, -11.6135



Tritanopia

32.8769, 4.2566, 0.8088

Trichromacy



Original Color

32.9285, 12.3732, -12.6457

Protanomaly

33.0551, 5.6146, -14.9379

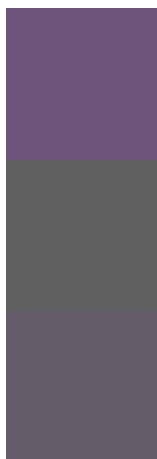
Deuteranomaly

32.8524, 5.8628, -12.3000

Tritanomaly

32.7714, 7.0393, -3.8624

Monochromacy



Original Color

32.9285, 12.3732, -12.6457

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.4835, 2.9578, -2.9809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.9285, 12.3732, -12.6457 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(109, 83, 122)` looks like.

```
.text, #text, p{  
    color:rgb(109, 83, 122)  
}
```

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(109, 83, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 83, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 32.9285, 12.3732, -12.6457 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(109, 83, 122) }
```


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

```
.border{ border-color:rgb(109, 83, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 83, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 83, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 83, 122); box-shadow:4px 4px 4px 4px rgb(109, 83, 122) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.9285, 12.3732, -12.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 83, 122) }
```

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

```
.background{ background-color: rgb(109, 83,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor