

Converting Colors

Hex(634458)

Have a look what the booklet for
Hex(634458) contains.

Hex(634458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(634458)

Conversions

Conversions Part 1

Format	Color
Hex	634458
RGB	99, 68, 88
RGB Percent	39%, 27%, 35%
CMY	0.6118, 0.7333, 0.6549
CMYK	0.00, 0.31, 0.11, 0.61
HSL	321°, 19%, 33%
HSV	321°, 31%, 39%
XYZ	8.9742, 7.4915, 10.2055
YIQ	79.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

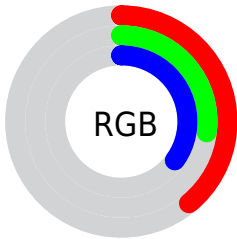
Format	Color
R_{YB}	99, 68, 88
Decimal	6505560
CIE _{Lab}	32.90, 16.90, -6.54
CIE _{LCh}	33, 18.121, 338.850
Yxy	7.4915, 0.3365, 0.2809
Android (android.graphics.Color)	4284695640 (0xFF634458)
YUV	79.5490, 4.1663, 17.0585
Hunter-Lab	27.3706, 10.6275, -2.9478

Details

The Hex color **634458** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **44634F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **96758A**, and **34182B** is the 20% darker color. If you saturate the color by 10%, you get **633A54**, and if you desaturate by 10%, it is **634E5C**.

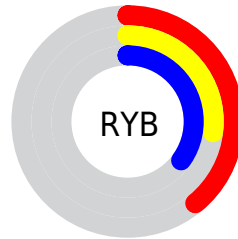
Distribution



 Red (39%)

 Green (27%)

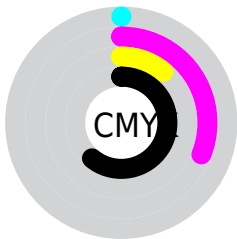
 Blue (35%)



 Red (39%)

 Yellow (27%)

 Blue (35%)

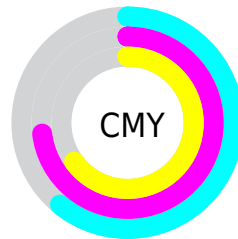



 Cyan (0%)

 Magenta (31%)

 Yellow (11%)

 Black (61%)



 Cyan (61%)

 Magenta (73%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634458 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 Hex color 634458 by changing the saturation by 10% instead.

■ 634458

■ 634458

FFFFFF

■ 4B2D41

■ 96758A

■ 34182B

■ B18EA4

■ 200016

■ CDA9BF

■ 000000

■ E9C4DB

■ FFE0F8

■ FFFDFF

■ 634458

■ 634458

■ 633A54

■ 634E5C

633051

63585F

63264D

636263

631C4A

636C66

631246

63766A

630943

637F6D

630040

638971

639374

639D78

Harmonies

Analogous

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



554864



634458



6A434A

Triad

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



634458



534E31



1E545F

Complementary

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



634458



44634F

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.



235551



634458



435237

Square

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



634458



604933



325443



2B5268

Rectangle

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



634458



694440



325443



1D555B

Sweetspot

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



634458



80747B



4F4463



40393D



BFBFBF



404040

Same Dimension

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



634458



804F6E



634449



302C2F



700048



F0009B

Inverse Universe

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



634458



804F6E



44635E



302C2F



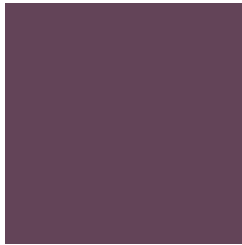
700048



F0009B

Previews

White Background



This preview shows how the Hex color 634458 looks on a white background.

Color Contrast Check

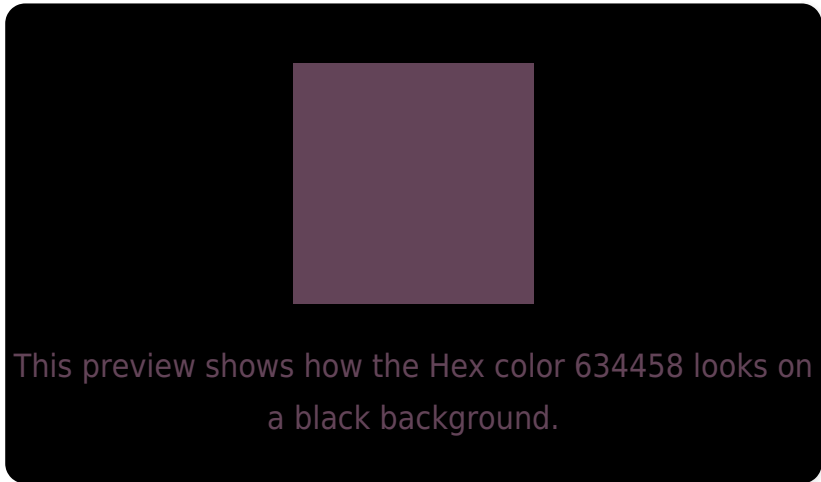
Large Text (above 18pt) WCAG AA ✓ Pass

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

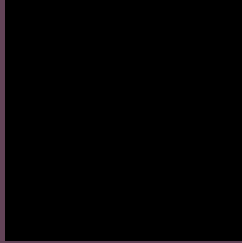
Any Text WCAG AA × Fail

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](#).

Hex 634458 Background



This preview shows how black text looks on a background with the Hex color 634458.



This preview shows how white text looks on a background with the Hex color 634458.

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
634458

Protanopia
4A4D5E

Deuteranopia
514C57



Tritanopia
61464C

Trichromacy



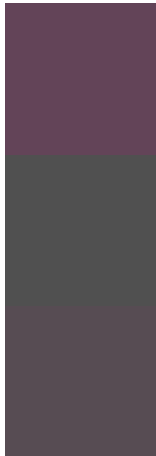
Original Color
634458

Protanomaly
534A5C

Deuteranomaly
584957

Tritanomaly
624550

Monochromacy



Original Color
634458

Achromatopsia
505050

Achromatomaly
574C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 634458 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 #634458 looks like.

```
.text, #text, p{  
    color:#634458  
}
```

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 #634458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634458
}
```

Border

The CSS property to change the border of an element to Hex 634458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

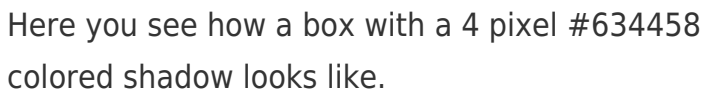
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634458 }
```

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

```
.border{ border-color:#634458 }
```

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



Here you see how a box with a 4 pixel #634458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634458; -webkit-box-shadow:4px 4px  
4px 4px #634458; box-shadow:4px 4px 4px  
4px #634458 }
```

Background

The CSS property to change the background color of an element to Hex 634458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634458 }
```

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

```
.background{ background-color:#634458 }
```

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