

Converting Colors

Hex(684344)

Have a look what the booklet for
Hex(684344) contains.

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Color

Hex(684344)

Conversions

Conversions Part 1

Format	Color
Hex	684344
RGB	104, 67, 68
RGB Percent	41%, 26%, 27%
CMY	0.5922, 0.7373, 0.7333
CMYK	0.00, 0.36, 0.35, 0.59
HSL	358°, 22%, 34%
HSV	358°, 36%, 41%
XYZ	8.7595, 7.3747, 6.4306
YIQ	78.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

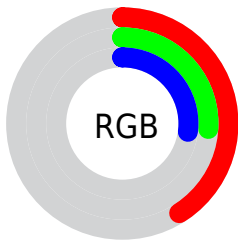
Format	Color
R_{YB}	104, 67, 68
Decimal	6832964
CIE Lab	32.65, 16.17, 5.98
CIE LCh	33, 17.242, 20.309
Yxy	7.3747, 0.3882, 0.3268
Android (android.graphics.Color)	4285023044 (0xFF684344)
YUV	78.1770, -5.0173, 22.6468
Hunter-Lab	27.1564, 10.0524, 4.9697




Details

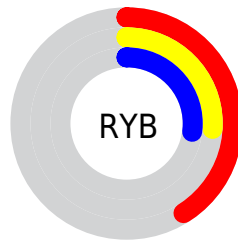
The Hex color **684344** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **436867**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **9C7374**, and **371719** is the 20% darker color. If you saturate the color by 10%, you get **68393A**, and if you desaturate by 10%, it is **684D4E**.

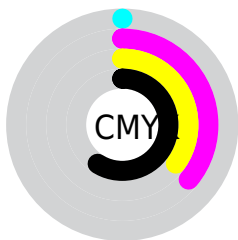
Distribution







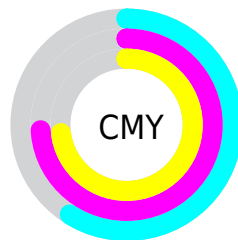
-  Red (41%)
-  Green (26%)
-  Blue (27%)






-  Red (41%)
-  Yellow (26%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (36%)
-  Yellow (35%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (74%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684344 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 684344 by changing the saturation by 10% instead.



684344



684344

FFFFFF



4F2C2E



9C7374



371719



B88D8E



240000



D4A8A8



000000



F0C3C3



FFDFDF



FFFCFC



684344



684344



68393A



684D4E

■ 682E30

■ 685858

■ 682426

■ 686262

■ 68191C

■ 686D6C

■ 680F11

■ 687777

■ 680507

■ 688181

■ 680003

■ 688C8B

■ 689695

■ 68A19F

Harmonies

Analogous

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



654352



684344



644638

Triad

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



684344



3D523B



344F67

Complementary

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



684344



436867

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.



245361



684344



2E5448

Square

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



684344



4D4F33



225456



494B66

Rectangle

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



684344



5E4933



225456



2E5166

Sweetspot

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



684344



877879



674368



453C3C



C4C4C4



454545

Same Dimension

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



684344



874D4F



685443



332E2E



730003



F20007

Inverse Universe

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



684344



874D4F



435768



332E2E



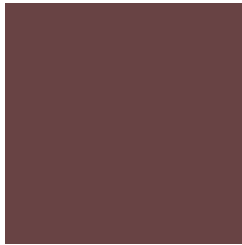
730003



F20007

Previews

White Background



This preview shows how the Hex color 684344 looks on a white background.

Color Contrast Check

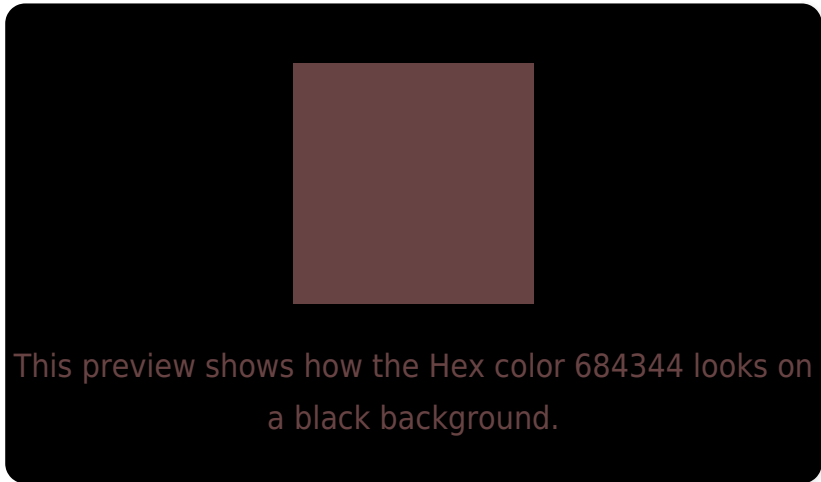
Large Text (above 18pt) WCAG AA ✓ Pass

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 684344 Background



This preview shows how black text looks on a background with the Hex color 684344.

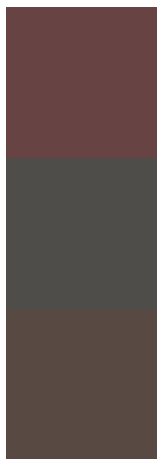


This preview shows how white text looks on a background with the Hex color 684344.

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
684344

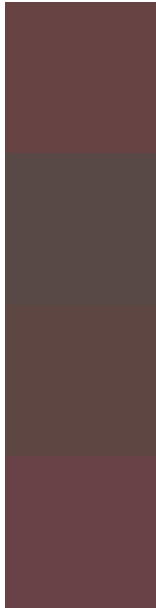
Protanopia
4F4D49

Deuteranopia
584A43



Tritanopia
684247

Trichromacy



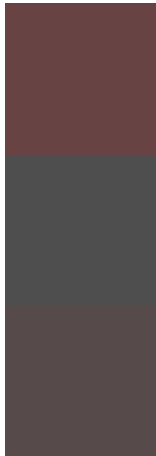
Original Color
684344

Protanomaly
584947

Deuteranomaly
5E4743

Tritanomaly
684246

Monochromacy



Original Color
684344

Achromatopsia
4E4E4E

Achromatomaly
574A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 684344 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 #684344 looks like.

```
.text, #text, p{  
    color:#684344  
}
```

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 #684344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684344
}
```

Border

The CSS property to change the border of an element to Hex 684344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

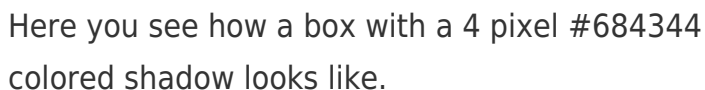
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684344 }
```

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

```
.border{ border-color:#684344 }
```

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



Here you see how a box with a 4 pixel #684344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684344; -webkit-box-shadow:4px 4px  
4px 4px #684344; box-shadow:4px 4px 4px  
4px #684344 }
```

Background

The CSS property to change the background color of an element to Hex 684344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684344 }
```

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

```
.background{ background-color:#684344 }
```

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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