

Converting Colors

Hex(684658)

Have a look what the booklet for
Hex(684658) contains.

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Color

Hex(684658)

Conversions

Conversions Part 1

Format	Color
Hex	684658
RGB	104, 70, 88
RGB Percent	41%, 27%, 35%
CMY	0.5922, 0.7255, 0.6549
CMYK	0.00, 0.33, 0.15, 0.59
HSL	328°, 20%, 34%
HSV	328°, 33%, 41%
XYZ	9.6605, 8.0280, 10.2729
YIQ	82.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

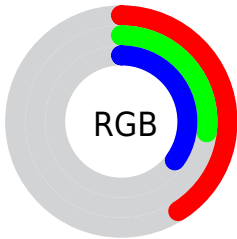
Format	Color
R_{YB}	104, 70, 88
Decimal	6833752
CIE _{Lab}	34.04, 17.65, -4.77
CIE _{LCh}	34, 18.280, 344.871
Yxy	8.0280, 0.3455, 0.2871
Android (android.graphics.Color)	4285023832 (0xFF684658)
YUV	82.2180, 2.8505, 19.1028
Hunter-Lab	28.3336, 11.2768, -1.6632

Details

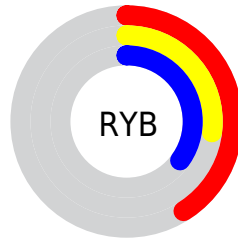
The Hex color **684658** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **466856**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9C778A**, and **381A2B** is the 20% darker color. If you saturate the color by 10%, you get **683C53**, and if you desaturate by 10%, it is **68505D**.

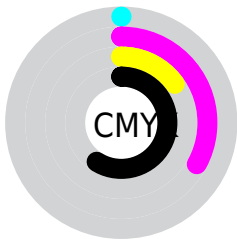
Distribution



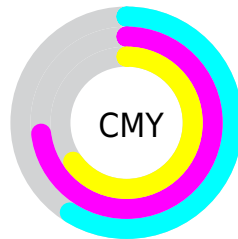
- Red (41%)
- Green (27%)
- Blue (35%)



- Red (41%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (59%)



- Cyan (59%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684658 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 684658 by changing the saturation by 10% instead.



684658



684658

FFFFFF



4F2F41



9C778A



381A2B



B791A4



230116



D3ABBF



000000



EFC7DB



FFE3F8



684658



684658



683C53



68505D



68314E



685B62

682749

686567

681C44

68706C

681240

687A70

68083B

688475

680037

688F7A

68997F

68A484

Harmonies

Analogous

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



5B4A65



684658



6D4549

Triad

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



684658



535134



225764

Complementary

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



684658



466856

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.



235857



684658



43553B

Square

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



684658



614D34



315748



32546C

Rectangle

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



684658



6C4740



315748



205760

Sweetspot

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



684658



877A81



564668



453D41



C4C4C4



454545

Same Dimension

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



684658



87526E



684647



332E31



73003D



F20080

Inverse Universe

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



684658



87526E



466867



332E31



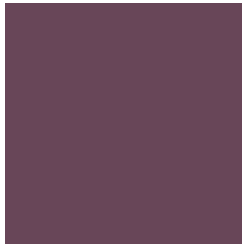
73003D



F20080

Previews

White Background



This preview shows how the Hex color 684658 looks on a white background.

Color Contrast Check

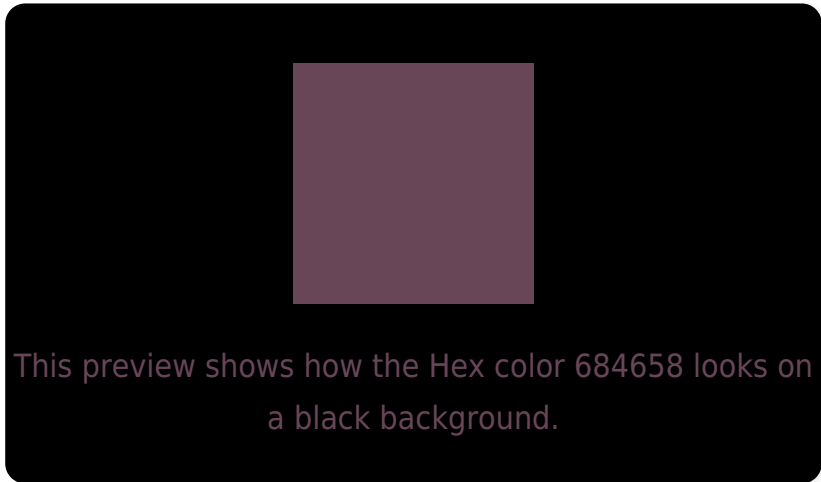
Large Text (above 18pt) WCAG AA ✓ Pass

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

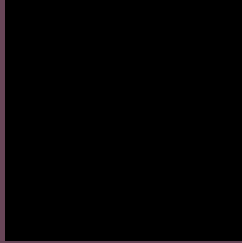
Any Text WCAG AA × Fail

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 684658 Background



This preview shows how black text looks on a background with the Hex color 684658.

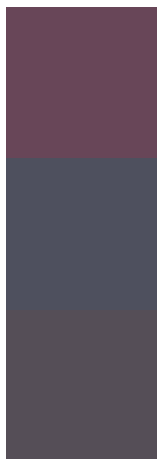


This preview shows how white text looks on a background with the Hex color 684658.

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
684658

Protanopia
4E505E

Deuteranopia
554E57



Tritanopia
67484D

Trichromacy



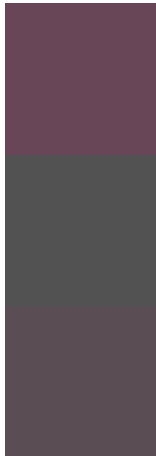
Original Color
684658

Protanomaly
574C5C

Deuteranomaly
5C4B57

Tritanomaly
674751

Monochromacy



Original Color
684658

Achromatopsia
525252

Achromatomaly
5A4E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 684658 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 #684658 looks like.

```
.text, #text, p{  
    color:#684658  
}
```

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 #684658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684658  
}
```

Border

The CSS property to change the border of an element to Hex 684658 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".

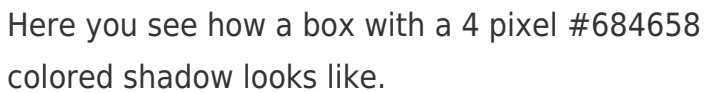
```
.border, #border, table{ border:4px solid  
#684658 }
```

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

```
.border{ border-color:#684658 }
```

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

Here you see how a box with a 4 pixel #684658 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684658; -webkit-box-shadow:4px 4px  
4px 4px #684658; box-shadow:4px 4px 4px  
4px #684658 }
```

Background

The CSS property to change the background color of an element to Hex 684658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684658 }
```

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

```
.background{ background-color:#684658 }
```

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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