

Converting Colors

Hex(684163)

Have a look what the booklet for
Hex(684163) contains.

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Color

Hex(684163)

Conversions

Conversions Part 1

Format	Color
Hex	684163
RGB	104, 65, 99
RGB Percent	41%, 25%, 39%
CMY	0.5922, 0.7451, 0.6118
CMYK	0.00, 0.38, 0.05, 0.59
HSL	308°, 23%, 33%
HSV	308°, 38%, 41%
XYZ	9.8513, 7.6245, 12.7568
YIQ	80.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

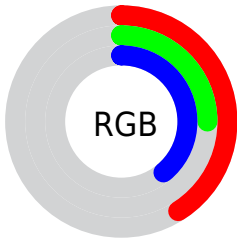
Format	Color
R_{YB}	104, 65, 99
Decimal	6832483
CIE _{Lab}	33.19, 22.85, -13.06
CIE _{LCh}	33, 26.316, 330.254
Yxy	7.6245, 0.3259, 0.2522
Android (android.graphics.Color)	4285022563 (0xFF684163)
YUV	80.5370, 9.1023, 20.5771
Hunter-Lab	27.6125, 15.3618, -8.0629

Details

The Hex color **684163** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **416846**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9C7296**, and **381434** is the 20% darker color. If you saturate the color by 10%, you get **683762**, and if you desaturate by 10%, it is **684B64**.

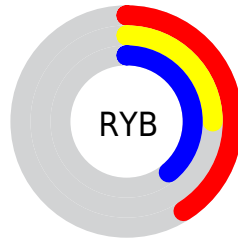
Distribution



Red (41%)

Green (25%)

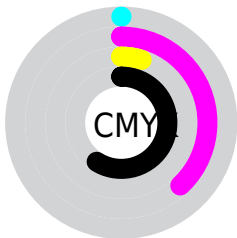
Blue (39%)



Red (41%)

Yellow (25%)

Blue (39%)

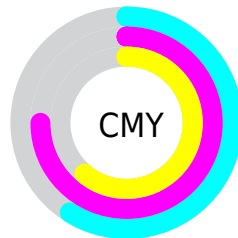


Cyan (0%)

Magenta (38%)

Yellow (5%)

Black (59%)



Cyan (59%)

Magenta (75%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684163 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 684163 by changing the saturation by 10% instead.

 684163

 684163

FFFFFF

 4F2A4B

 9C7296

 381434

 B78BB1

 23001F

 D3A6CC

 000003

 EFC1E8

 000000

 FFDDFF

 FFFAFF

 684163

 684163

 683762

 684B64

682C60

685666

68225F

686067

68175E

686B68

680D5C

68756A

68035B

687F6B

68005B

688A6C

68946E

689F6F

Harmonies

Analogous

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



504972



684163



743D4F

Triad

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



684163



5B4D24



005862

Complementary

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



684163



416846

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.



00594E



684163



455329

Square

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



684163



6B452A



2B5739



005672

Rectangle

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



684163



763E41



2B5739



00595C

Sweetspot

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



684163



877885



464168



453C44



C4C4C4



454545

Same Dimension

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



684163



874A7F



684150



332E32



730064



F200D3

Inverse Universe

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



684163



874A7F



416859



332E32



730064



F200D3

Previews

White Background



This preview shows how the Hex color 684163 looks on a white background.

Color Contrast Check

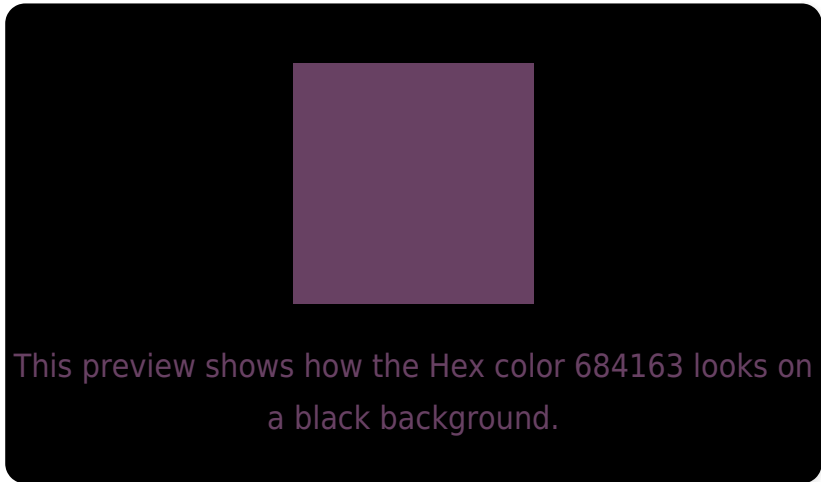
Large Text (above 18pt) WCAG AA ✓ Pass

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

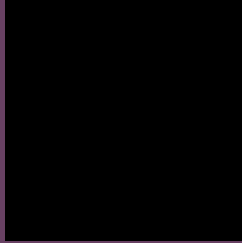
Any Text WCAG AA × Fail

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 684163 Background



This preview shows how black text looks on a background with the Hex color 684163.



This preview shows how white text looks on a background with the Hex color 684163.

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
684163

Protanopia
454D6C

Deuteranopia
4D4D61



Tritanopia
65464B

Trichromacy



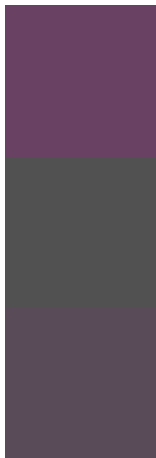
Original Color
684163

Protanomaly
524969

Deuteranomaly
574962

Tritanomaly
664454

Monochromacy



Original Color
684163

Achromatopsia
515151

Achromatomaly
594B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 684163 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 #684163 looks like.

```
.text, #text, p{  
    color:#684163  
}
```

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 #684163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684163
}
```

Border

The CSS property to change the border of an element to Hex 684163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

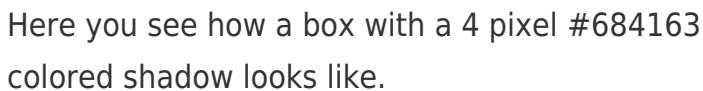
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684163 }
```

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

```
.border{ border-color:#684163 }
```

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



Here you see how a box with a 4 pixel #684163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684163; -webkit-box-shadow:4px 4px  
4px 4px #684163; box-shadow:4px 4px 4px  
4px #684163 }
```

Background

The CSS property to change the background color of an element to Hex 684163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684163 }
```

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

```
.background{ background-color:#684163 }
```

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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