

# Converting Colors

Hex(684165)

Have a look what the booklet for  
Hex(684165) contains.

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# Color

**Hex(684165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	684165
RGB	104, 65, 101
RGB Percent	41%, 25%, 40%
CMY	0.5922, 0.7451, 0.6039
CMYK	0.00, 0.38, 0.03, 0.59
HSL	305°, 23%, 33%
HSV	305°, 38%, 41%
XYZ	9.9482, 7.6632, 13.2667
YIQ	80.7650, 11.6880, 19.4640

# Conversions

## Conversions Part 2

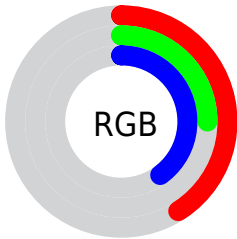
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 65, 101
Decimal	6832485
CIELab	33.27, 23.26, -14.20
CIELCh	33, 27.250, 328.593
Yxy	7.6632, 0.3222, 0.2482
Android (android.graphics.Color)	4285022565 (0xFF684165)
YUV	80.7650, 9.9759, 20.3771
Hunter-Lab	27.6825, 15.7025, -9.0367

# Details

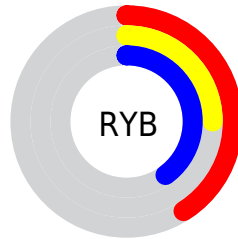
The Hex color **684165** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **416844**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9C7298**, and **381436** is the 20% darker color. If you saturate the color by 10%, you get **683764**, and if you desaturate by 10%, it is **684B66**.

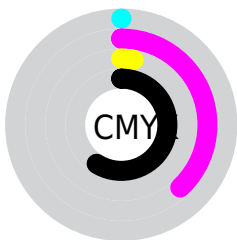
# Distribution



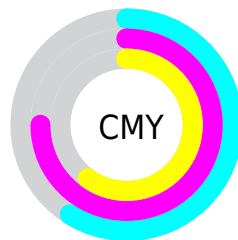
- Red (41%)
- Green (25%)
- Blue (40%)



- Red (41%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (3%)
- Black (59%)



- Cyan (59%)
- Magenta (75%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 684165 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 684165 by changing the saturation by 10% instead.



 684165

 684165

FFFFFF

 4F2A4D

 9C7298

 381436

 B78BB3

 230021

 D3A6CE

 000006

 EFC1EB

 000000

 FFDDFF

 FFFAFF

 684165

 684165

 683764

 684B66

682C63

685667

682263

686067

681762

686B68

680D61

687569

680360

687F6A

680060

688A6B

68946B

689F6C

# Harmonies

## Analogous

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



4E4974



684165



753D50

# Triad

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



684165



5C4D22



005962

# Complementary

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



684165



416844

# 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.



00594C



684165



465327

# Square

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



684165



6D452A



2C5737



005673

# Rectangle

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



684165



773D42



2C5737



00595B



# Sweetspot

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



684165



877886



444168



453C44



C4C4C4



454545



# Same Dimension

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



684165



874A82



684152



332E33



73006A



F200E0



# Inverse Universe

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



684165



874A82



416857



332E33



73006A

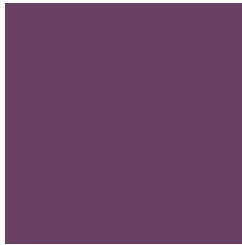


F200E0



# Previews

## White Background



This preview shows how the Hex color 684165 looks on a white background.

## Color Contrast Check

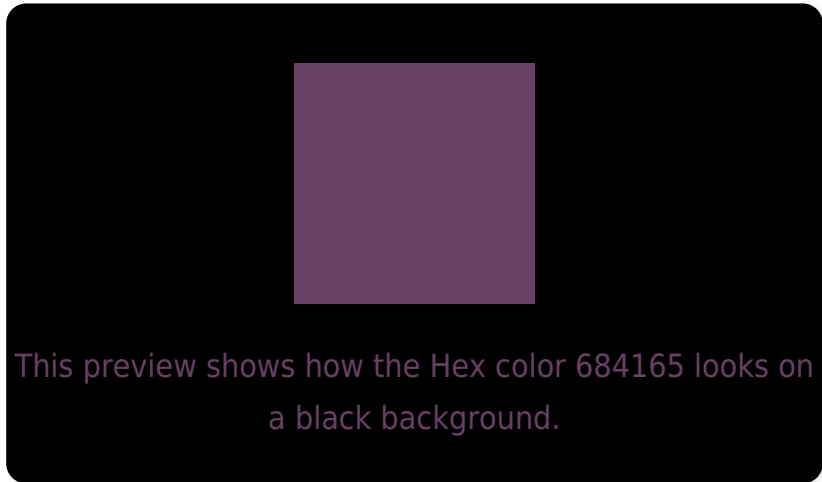
Large Text (above 18pt) WCAG AA ✓ Pass

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

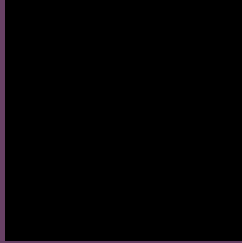
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 684165 Background



This preview shows how black text looks on a background with the Hex color 684165.



This preview shows how white text looks on a background with the Hex color 684165.

# 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**  
684165

**Protanopia**  
454E6E

**Deuteranopia**  
4C4D63



**Tritanopia**  
65464C

# Trichromacy



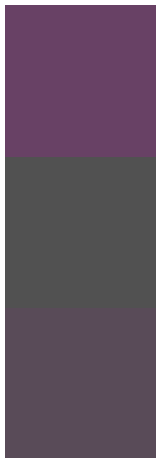
**Original Color**  
684165

**Protanomaly**  
52496B

**Deuteranomaly**  
564964

**Tritanomaly**  
664455

# Monochromacy



**Original Color**  
684165

**Achromatopsia**  
515151

**Achromatomaly**  
594B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 684165 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 #684165 looks like.

```
.text, #text, p{  
    color:#684165  
}
```

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 #684165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684165
}
```

## Border

The CSS property to change the border of an element to Hex 684165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

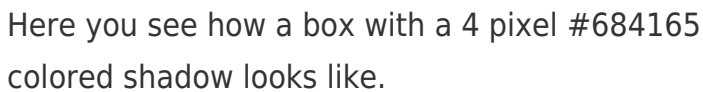
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684165 }
```

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

```
.border{ border-color:#684165 }
```

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



Here you see how a box with a 4 pixel #684165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684165; -webkit-box-shadow:4px 4px  
4px 4px #684165; box-shadow:4px 4px 4px  
4px #684165 }
```

# Background

The CSS property to change the background color of an element to Hex 684165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684165 }
```

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

```
.background{ background-color:#684165 }
```

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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