

# Converting Colors

Hex(6F3654)

Have a look what the booklet for  
Hex(6F3654) contains.

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# Color

**Hex(6F3654)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F3654
RGB	111, 54, 84
RGB Percent	44%, 21%, 33%
CMY	0.5647, 0.7882, 0.6706
CMYK	0.00, 0.51, 0.24, 0.56
HSL	328°, 35%, 32%
HSV	328°, 51%, 44%
XYZ	9.4749, 6.6579, 9.1732
YIQ	74.4630, 24.3420, 21.4140

# Conversions

## Conversions Part 2

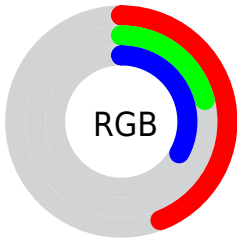
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 54, 84
Decimal	7288404
CIE <sub>Lab</sub>	31.02, 29.19, -6.62
CIE <sub>LCh</sub>	31, 29.926, 347.227
Yxy	6.6579, 0.3744, 0.2631
Android (android.graphics.Color)	4285478484 (0xFF6F3654)
YUV	74.4630, 4.7017, 32.0429
Hunter-Lab	25.8030, 20.3906, -3.0161

# Details

The Hex color **6F3654** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **366F51**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A46786**, and **3D0627** is the 20% darker color. If you saturate the color by 10%, you get **6F2B4F**, and if you desaturate by 10%, it is **6F4159**.

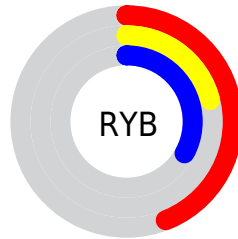
# Distribution



Red (44%)

Green (21%)

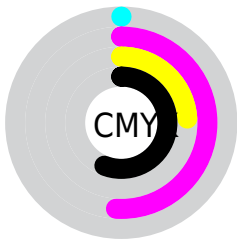
Blue (33%)



Red (44%)

Yellow (21%)

Blue (33%)

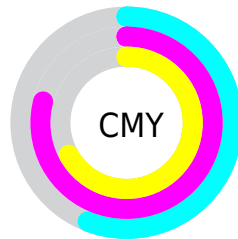


Cyan (0%)

Magenta (51%)

Yellow (24%)

Black (56%)



Cyan (56%)

Magenta (79%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F3654 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 6F3654 by changing the saturation by 10% instead.



 6F3654

 6F3654

FFFFFF

 561F3D


 A46786

 3D0627

 C080A0

 290013

 DC9BBB

 000000

 F9B6D6

 FFD2F3

 FFEEFF

 6F3654

 6F3654

 6F2B4F

 6F4159

 6F2049

 6F4C5F

 6F1544

 6F5764

 6F0A3F

 6F6269

 6F003A

 6F6E6E

 6F7974

 6F8479

 6F8F7E

 6F9A83

# Harmonies

## Analogous

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



5C3D69



6F3654



75353C

# Triad

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



6F3654



494C1A



00536B

# Complementary

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



6F3654



366F51

# 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.



005556



6F3654



2E5128

# Square

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



6F3654



5F441A



00543E



004E76

# Rectangle

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



6F3654



72392E



00543E



005465



# Sweetspot

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



6F3654



917C87



51366F



4A3D44



C9C9C9



4A4A4A



# Same Dimension

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



6F3654



913767



6F3638



383235



78003F



F70082



# Inverse Universe

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



6F3654



913767



366F6D



383235



78003F

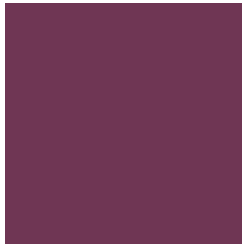


F70082



# Previews

## White Background



This preview shows how the Hex color 6F3654 looks on a white background.

## Color Contrast Check

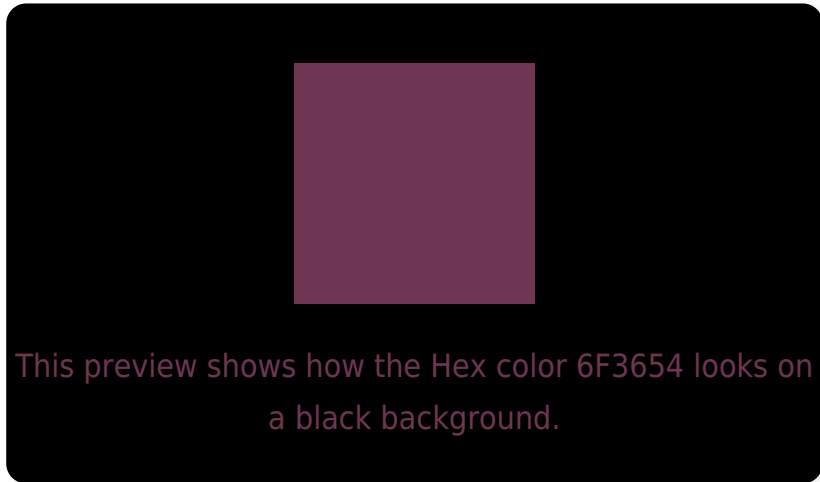
Large Text (above 18pt) WCAG AA ✓ Pass

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

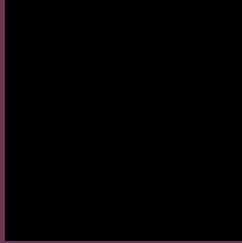
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F3654 Background



This preview shows how black text looks on a background with the Hex color 6F3654.



This preview shows how white text looks on a background with the Hex color 6F3654.

# 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**  
6F3654

**Protanopia**  
434961

**Deuteranopia**  
4D4851



**Tritanopia**  
6D3A3F

# Trichromacy



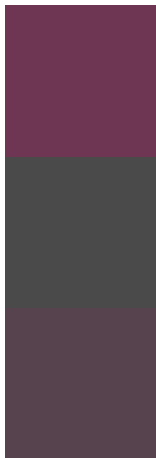
**Original Color**  
6F3654

**Protanomaly**  
53425C

**Deuteranomaly**  
594152

**Tritanomaly**  
6E3947

# Monochromacy



**Original Color**  
6F3654

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
57434E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F3654 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 #6F3654 looks like.

```
.text, #text, p{  
    color:#6F3654  
}
```

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 #6F3654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3654
}
```

## Border

The CSS property to change the border of an element to Hex 6F3654 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
#6F3654 }
```

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

```
.border{ border-color:#6F3654 }
```

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

Here you see how a box with a 4 pixel #6F3654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3654; -webkit-box-shadow:4px 4px  
4px 4px #6F3654; box-shadow:4px 4px 4px  
4px #6F3654 }
```

# Background

The CSS property to change the background color of an element to Hex 6F3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3654 }
```

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

```
.background{ background-color:#6F3654 }
```

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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