

Converting Colors

Hex(6F3368)

Have a look what the booklet for
Hex(6F3368) contains.

Hex(6F3368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6F3368)

Conversions

Conversions Part 1

Format	Color
Hex	6F3368
RGB	111, 51, 104
RGB Percent	44%, 20%, 41%
CMY	0.5647, 0.8000, 0.5922
CMYK	0.00, 0.54, 0.06, 0.56
HSL	307°, 37%, 32%
HSV	307°, 54%, 44%
XYZ	10.2381, 6.7466, 13.8593
YIQ	74.9820, 18.7470, 29.2030

Conversions

Conversions Part 2

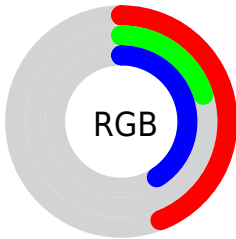
Format	Color
R_{YB}	111, 51, 104
Decimal	7287656
CIE _{Lab}	31.22, 34.35, -19.19
CIE _{LCh}	31, 39.349, 330.816
Yxy	6.7466, 0.3319, 0.2187
Android (android.graphics.Color)	4285477736 (0xFF6F3368)
YUV	74.9820, 14.3059, 31.5878
Hunter-Lab	25.9743, 24.9028, -13.4539

Details

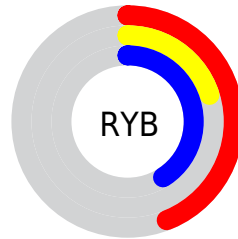
The Hex color **6F3368** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **336F3A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A4649B**, and **3D0139** is the 20% darker color. If you saturate the color by 10%, you get **6F2867**, and if you desaturate by 10%, it is **6F3E69**.

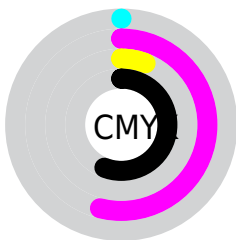
Distribution



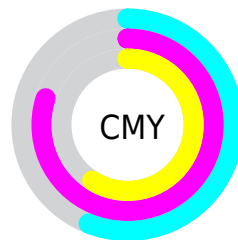
- Red (44%)
- Green (20%)
- Blue (41%)



- Red (44%)
- Yellow (20%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (6%)
- Black (56%)



- Cyan (56%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F3368 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 6F3368 by changing the saturation by 10% instead.

 6F3368

 6F3368

FFFFFF

 561B50

 A4649B

 3D0139

 C07EB6

 280023

 DC98D2

 00000A

 F9B4EE

 000000

 FFD0FF

 FFECFF

 6F3368

 6F3368

 6F2867

 6F3E69

6F1D65

6F496B

6F1264

6F546C

6F0763

6F5F6D

6F0062

6F6B6E

6F7670

6F8171

6F8C72

6F9774

Harmonies

Analogous

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



4A417F



6F3368



7F2B4A

Triad

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



6F3368



584802



005768

Complementary

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



6F3368



336F3A

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.



005849



6F3368



39510E

Square

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



6F3368



703C12



00562A



00547F

Rectangle

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



6F3368



802D35



00562A



00585E

Sweetspot

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



6F3368



917A8F



3A336F



4A3C48



C9C9C9



4A4A4A

Same Dimension

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



6F3368



913386



6F334A



383237



78006A



F700DA

Inverse Universe

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



6F3368



913386



336F58



383237



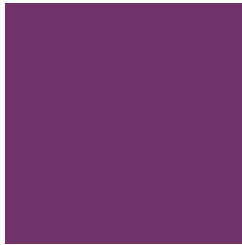
78006A



F700DA

Previews

White Background



This preview shows how the Hex color 6F3368 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

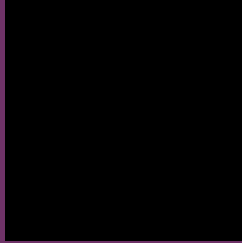
Any Text WCAG AA × Fail

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 6F3368 Background



This preview shows how black text looks on a background with the Hex color 6F3368.



This preview shows how white text looks on a background with the Hex color 6F3368.

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
6F3368

Protanopia
36497A

Deuteranopia
434964



Tritanopia
6B3D41

Trichromacy



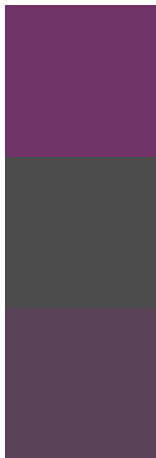
Original Color
6F3368

Protanomaly
4B4173

Deuteranomaly
534165

Tritanomaly
6C394F

Monochromacy



Original Color
6F3368

Achromatopsia
4B4B4B

Achromatomaly
584256

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F3368 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 #6F3368 looks like.

```
.text, #text, p{  
    color:#6F3368  
}
```

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 #6F3368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3368
}
```

Border

The CSS property to change the border of an element to Hex 6F3368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

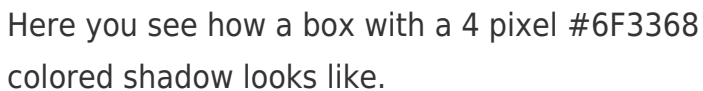
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F3368 }
```

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

```
.border{ border-color:#6F3368 }
```

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



Here you see how a box with a 4 pixel #6F3368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3368; -webkit-box-shadow:4px 4px  
4px 4px #6F3368; box-shadow:4px 4px 4px  
4px #6F3368 }
```

Background

The CSS property to change the background color of an element to Hex 6F3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3368 }
```

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

```
.background{ background-color:#6F3368 }
```

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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