

# Converting Colors

Hex(6D435F)

Have a look what the booklet for  
Hex(6D435F) contains.

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# Color

**Hex(6D435F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D435F
RGB	109, 67, 95
RGB Percent	43%, 26%, 37%
CMY	0.5725, 0.7373, 0.6275
CMYK	0.00, 0.39, 0.13, 0.57
HSL	320°, 24%, 35%
HSV	320°, 39%, 43%
XYZ	10.3794, 8.0917, 11.8413
YIQ	82.7500, 16.0440, 17.6120

# Conversions

## Conversions Part 2

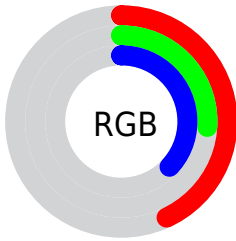
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 67, 95
Decimal	7160671
CIE <sub>Lab</sub>	34.17, 22.73, -8.96
CIE <sub>LCh</sub>	34, 24.429, 338.485
Yxy	8.0917, 0.3424, 0.2669
Android (android.graphics.Color)	4285350751 (0xFF6D435F)
YUV	82.7500, 6.0393, 23.0212
Hunter-Lab	28.4460, 15.3507, -4.7686

# Details

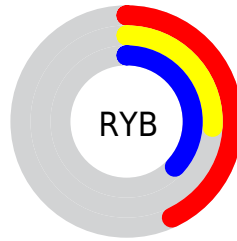
The Hex color **6D435F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **436D51**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A17491**, and **3C1631** is the 20% darker color. If you saturate the color by 10%, you get **6D385B**, and if you desaturate by 10%, it is **6D4E63**.

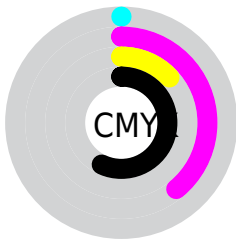
# Distribution



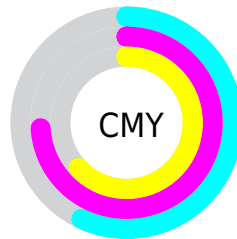
- Red (43%)
- Green (26%)
- Blue (37%)



- Red (43%)
- Yellow (26%)
- Blue (37%)



- Cyan (0%)
- Magenta (39%)
- Yellow (13%)
- Black (57%)



- Cyan (57%)
- Magenta (74%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D435F 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 6D435F by changing the saturation by 10% instead.





6D435F



6D435F

FFFFFF



542C47



A17491



3C1631



BD8EAC



26001C



D9A8C7



000000



F5C4E3



FFE0FF



FFDFD



6D435F



6D435F



6D385B



6D4E63

6D2D58

6D5966

6D2254

6D646A

6D1750

6D6F6E

6D0D4D

6D7A71

6D0249

6D8475

6D0049

6D8F78

6D9A7C

6DA580

# Harmonies

## Analogous

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



5A496F



6D435F



75414C

# Triad

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



6D435F



575129



005A68

# Complementary

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



6D435F



436D51

# 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.



025B55



6D435F



425631

# Square

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



6D435F



684A2C



295941



135674

# Rectangle

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



6D435F



75423F



295941



005A62



# Sweetspot

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



6D435F



8F7E89



51436D



473D44



C7C7C7



474747



# Same Dimension

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



6D435F



8F4D79



6D434A



363034



75004E



F500A3



# Inverse Universe

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



6D435F



8F4D79



436D66



363034



75004E

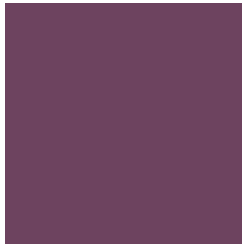


F500A3



# Previews

## White Background



This preview shows how the Hex color 6D435F looks on a white background.

## Color Contrast Check

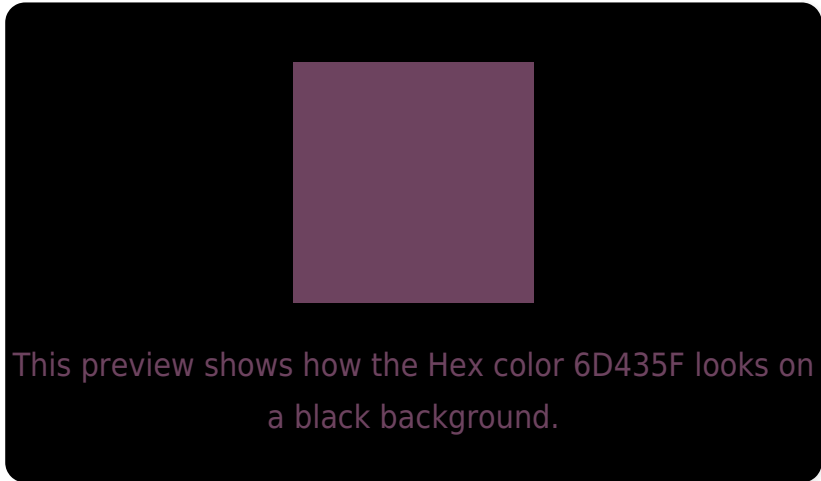
Large Text (above 18pt) WCAG AA ✓ Pass

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

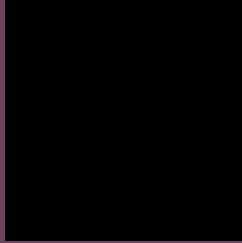
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D435F Background



This preview shows how black text looks on a background with the Hex color 6D435F.



This preview shows how white text looks on a background with the Hex color 6D435F.

# 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





**Tritanopia**  
6B474C

# Trichromacy



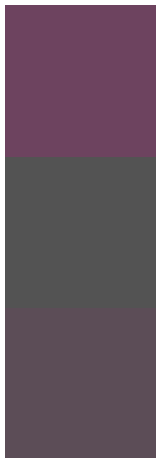
**Original Color**  
6D435F

**Protanomaly**  
574B65

**Deuteranomaly**  
5C4B5E

**Tritanomaly**  
6C4653

# Monochromacy



**Original Color**  
6D435F

**Achromatopsia**  
535353

**Achromatomaly**  
5C4D57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D435F 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 #6D435F looks like.

```
.text, #text, p{  
    color:#6D435F  
}
```

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 #6D435F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D435F
}
```

## Border

The CSS property to change the border of an element to Hex 6D435F is called "border". The border property can be set on classes, ids or directly on the HTML element.

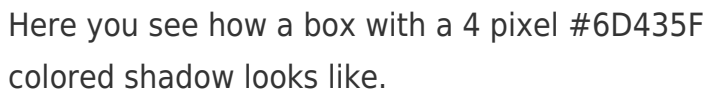
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D435F }
```

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

```
.border{ border-color:#6D435F }
```

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



Here you see how a box with a 4 pixel #6D435F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D435F; -webkit-box-shadow:4px 4px  
4px 4px #6D435F; box-shadow:4px 4px 4px  
4px #6D435F }
```

# Background

The CSS property to change the background color of an element to Hex 6D435F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D435F }
```

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

```
.background{ background-color:#6D435F }
```

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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