

# Converting Colors

Hex(6F256D)

Have a look what the booklet for  
Hex(6F256D) contains.

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# Color

**Hex(6F256D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F256D
RGB	111, 37, 109
RGB Percent	44%, 15%, 43%
CMY	0.5647, 0.8549, 0.5725
CMYK	0.00, 0.67, 0.02, 0.56
HSL	302°, 50%, 29%
HSV	302°, 67%, 44%
XYZ	9.9774, 5.8068, 15.0629
YIQ	67.3340, 20.9920, 38.0800

# Conversions

## Conversions Part 2

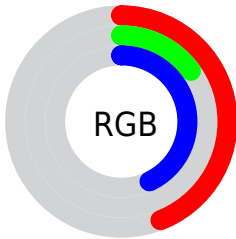
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 37, 109
Decimal	7284077
CIE <sub>Lab</sub>	28.92, 42.25, -25.99
CIE <sub>LCh</sub>	29, 49.600, 328.400
Yxy	5.8068, 0.3234, 0.1882
Android (android.graphics.Color)	4285474157 (0xFF6F256D)
YUV	67.3340, 20.5413, 38.2951
Hunter-Lab	24.0972, 31.7375, -20.1935

# Details

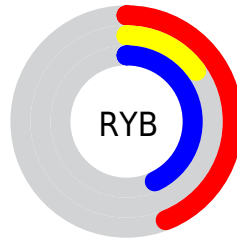
The Hex color **6F256D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **256F27**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A558A1**, and **3C003D** is the 20% darker color. If you saturate the color by 10%, you get **6F1A6D**, and if you desaturate by 10%, it is **6F306D**.

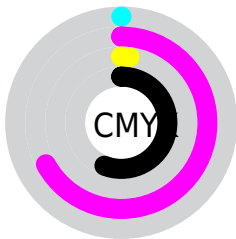
# Distribution



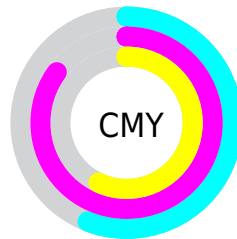
- Red (44%)
- Green (15%)
- Blue (43%)



- Red (44%)
- Yellow (15%)
- Blue (43%)



- Cyan (0%)
- Magenta (67%)
- Yellow (2%)
- Black (56%)



- Cyan (56%)
- Magenta (85%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F256D 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 6F256D by changing the saturation by 10% instead.



6F256D

6F256D

FFFFFF

550754

A558A1

3C003D

C172BC

270027

DD8CD8

000110

FBA7F4

000000

FFC3FF

FFE0FF

FFFDFD

6F256D

6F256D

■ 6F1A6D

■ 6F306D

■ 6F0F6C

■ 6F3B6E

■ 6F046C

■ 6F466E

■ 6F006C

■ 6F516E

■ 6F5D6E

■ 6F686F

■ 6F736F

■ 6F7E6F

■ 6F8970

# Harmonies

## Analogous

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



3A3B88



6F256D



841148

# Triad

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



6F256D



564200



005568

# Complementary

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



6F256D



256F27

# 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.



005441



6F256D



304C00

# Square

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



6F256D



723100



005218



005286

# Rectangle

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



6F256D



86152F



005218



00555B



# Sweetspot

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



6F256D



917491



26256F



4A3849



C9C9C9



4A4A4A



# Same Dimension

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



6F256D



911D8E



6F2549



383238



780075



F700F1



# Inverse Universe

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



6F256D



911D8E



256F4B



383238



780075

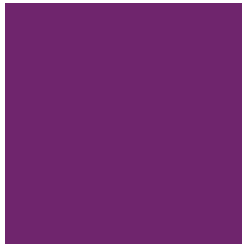


F700F1



# Previews

## White Background



This preview shows how the Hex color 6F256D 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

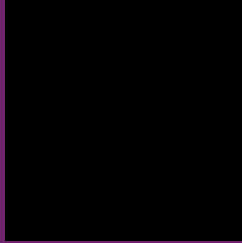
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F256D Background



This preview shows how black text looks on a background with the Hex color 6F256D.

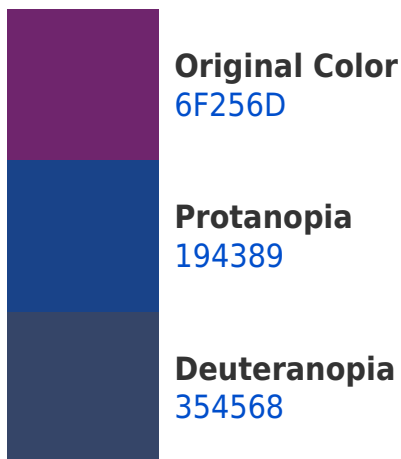



This preview shows how white text looks on a background with the Hex color 6F256D.

# 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**  
693539

# Trichromacy



**Original Color**  
6F256D

**Protanomaly**  
38387F

**Deuteranomaly**  
4A396A

**Tritanomaly**  
6B2F4C

# Monochromacy



**Original Color**  
6F256D

**Achromatopsia**  
434343

**Achromatomaly**  
533852

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F256D 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 #6F256D looks like.

```
.text, #text, p{  
    color:#6F256D  
}
```

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 #6F256D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F256D
}
```

## Border

The CSS property to change the border of an element to Hex 6F256D is called "border". The border property can be set on classes, ids or directly on the HTML element.

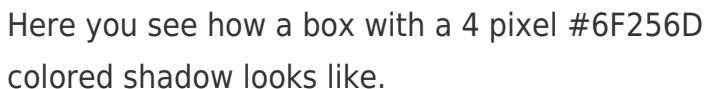
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F256D }
```

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

```
.border{ border-color:#6F256D }
```

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



Here you see how a box with a 4 pixel #6F256D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F256D; -webkit-box-shadow:4px 4px  
4px 4px #6F256D; box-shadow:4px 4px 4px  
4px #6F256D }
```

# Background

The CSS property to change the background color of an element to Hex 6F256D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F256D }
```

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

```
.background{ background-color:#6F256D }
```

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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