

# Converting Colors

Hex(70466D)

Have a look what the booklet for  
Hex(70466D) contains.

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# Color

**Hex(70466D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70466D
RGB	112, 70, 109
RGB Percent	44%, 27%, 43%
CMY	0.5608, 0.7255, 0.5725
CMYK	0.00, 0.37, 0.03, 0.56
HSL	304°, 23%, 36%
HSV	304°, 37%, 44%
XYZ	11.6326, 8.9292, 15.5784
YIQ	87.0040, 12.5130, 21.0330

# Conversions

## Conversions Part 2

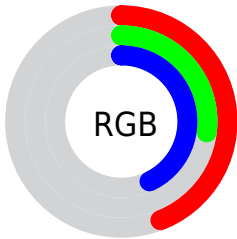
Format	Color
R <sub>Y</sub> B	112, 70, 109
Decimal	7358061
CIE Lab	35.85, 24.77, -15.21
CIE LCh	36, 29.064, 328.439
Yxy	8.9292, 0.3219, 0.2471
Android (android.graphics.Color)	4285548141 (0xFF70466D)
YUV	87.0040, 10.8440, 21.9215
Hunter-Lab	29.8817, 17.1946, -9.9927

# Details

The Hex color **70466D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **467049**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A577A1**, and **3F183D** is the 20% darker color. If you saturate the color by 10%, you get **703B6C**, and if you desaturate by 10%, it is **70516E**.

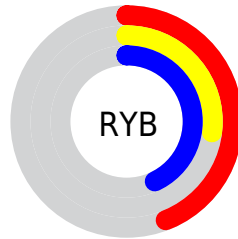
# Distribution



Red (44%)

Green (27%)

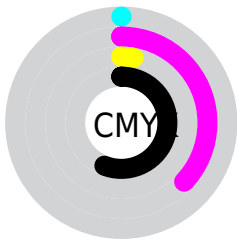
Blue (43%)



Red (44%)

Yellow (27%)

Blue (43%)

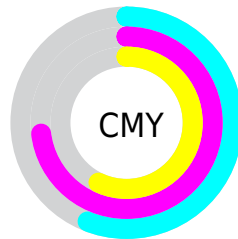


Cyan (0%)

Magenta (37%)

Yellow (3%)

Black (56%)



Cyan (56%)

Magenta (73%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70466D 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 70466D by changing the saturation by 10% instead.



 70466D

 70466D

FFFFFF

 572F55

 A577A1

 3F183D

 C091BC

 280227

 DCACD7

 090012

 F9C7F4

 000000

 FFE4FF

 70466D

 70466D

 703B6C

 70516E

 70306B

 705C6F

70246B

70686F

70196A

707370

700E69

707E71

700368

708972

700068

709473

70A073

70AB74

# Harmonies

## Analogous

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



544F7D



70466D



7E4156

# Triad

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



70466D



635325



00606A

# Complementary

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



70466D



467049

# 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.



006052



70466D



4C5A2A

# Square

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



70466D



764A2D



2F5E3B



005D7B

# Rectangle

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



70466D



804247



2F5E3B



006062



# Sweetspot

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



70466D



918190



494670



4A4049



C9C9C9



4A4A4A



# Same Dimension

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



70466D



91508D



704658



383238



78006F



F700E6



# Inverse Universe

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



70466D



91508D



46705E



383238



78006F

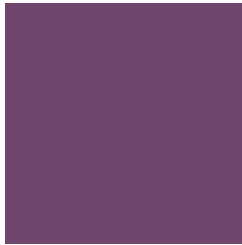


F700E6



# Previews

## White Background



This preview shows how the Hex color 70466D looks on a white background.

## Color Contrast Check

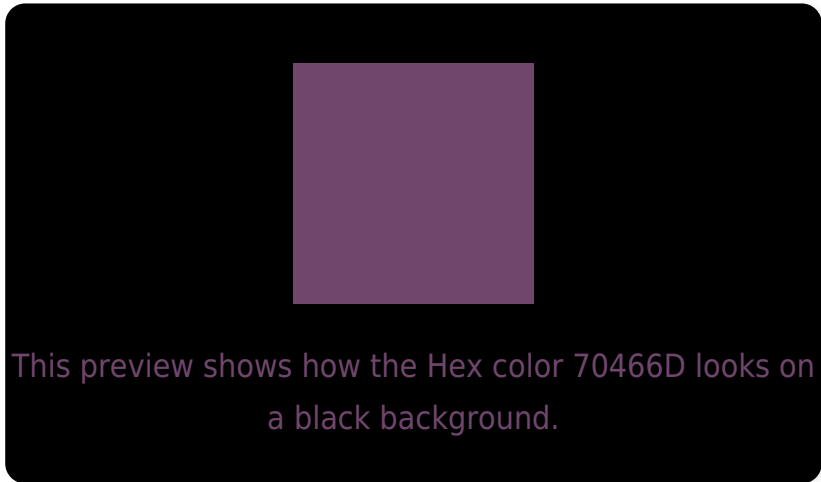
Large Text (above 18pt) WCAG AA ✓ Pass

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

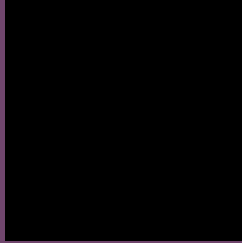
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70466D Background



This preview shows how black text looks on a background with the Hex color 70466D.



This preview shows how white text looks on a background with the Hex color 70466D.

# 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**  
70466D

**Protanopia**  
4A5377

**Deuteranopia**  
52536B



**Tritanopia**  
6C4C51

# Trichromacy



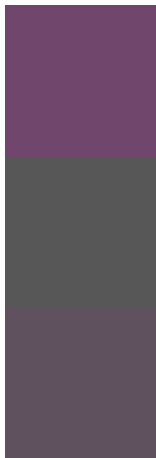
**Original Color**  
70466D

**Protanomaly**  
584E73

**Deuteranomaly**  
5D4E6C

**Tritanomaly**  
6D4A5B

# Monochromacy



**Original Color**  
70466D

**Achromatopsia**  
575757

**Achromatomaly**  
60515F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70466D 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 #70466D looks like.

```
.text, #text, p{  
    color:#70466D  
}
```

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 #70466D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70466D
}
```

## Border

The CSS property to change the border of an element to Hex 70466D is called "border". The border property can be set on classes, ids or directly on the HTML element.

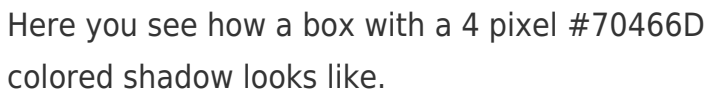
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70466D }
```

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

```
.border{ border-color:#70466D }
```

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



Here you see how a box with a 4 pixel #70466D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70466D; -webkit-box-shadow:4px 4px  
4px 4px #70466D; box-shadow:4px 4px 4px  
4px #70466D }
```

# Background

The CSS property to change the background color of an element to Hex 70466D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70466D }
```

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

```
.background{ background-color:#70466D }
```

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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