

# Converting Colors

Hex(72436F)

Have a look what the booklet for  
Hex(72436F) contains.

<b>Hex(72436F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(72436F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72436F
RGB	114, 67, 111
RGB Percent	45%, 26%, 44%
CMY	0.5529, 0.7373, 0.5647
CMYK	0.00, 0.41, 0.03, 0.55
HSL	304°, 26%, 35%
HSV	304°, 41%, 45%
XYZ	11.8158, 8.7394, 16.1030
YIQ	86.0690, 13.8880, 23.6480

# Conversions

## Conversions Part 2

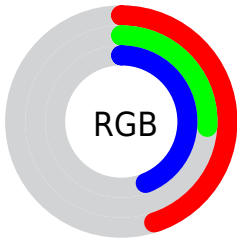
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 67, 111
Decimal	7488367
CIE <sub>Lab</sub>	35.48, 27.66, -17.01
CIE <sub>LCh</sub>	35, 32.469, 328.404
Yxy	8.7394, 0.3223, 0.2384
Android (android.graphics.Color)	4285678447 (0xFF72436F)
YUV	86.0690, 12.2910, 24.4955
Hunter-Lab	29.5625, 19.6102, -11.6022

# Details

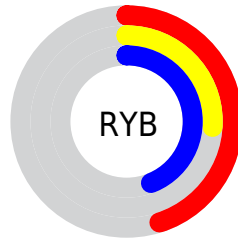
The Hex color **72436F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **437246**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A774A3**, and **41153F** is the 20% darker color. If you saturate the color by 10%, you get **72386E**, and if you desaturate by 10%, it is **724E70**.

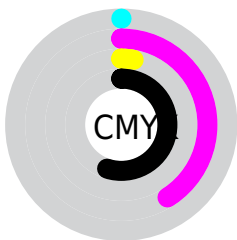
# Distribution



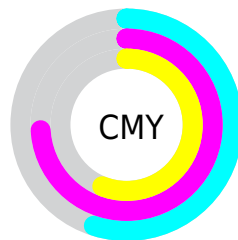
- Red (45%)
- Green (26%)
- Blue (44%)



- Red (45%)
- Yellow (26%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (74%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72436F 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 72436F by changing the saturation by 10% instead.



72436F

72436F

FFFFFF

592C57

A774A3

41153F

C28EBE

2A0029

DFA9DA

0B0014

FCC4F6

000000

FFE1FF

FFDFDF

72436F

72436F

72386E

724E70

722C6E

725A70

72216D

726571

72156C

727172

720A6B

727C73

72006B

728773

729374

729E75

72AA76

# Harmonies

## Analogous

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



534D81



72436F



823D56

# Triad

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



72436F



63521D



00606B

# Complementary

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



72436F



437246

# 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.



006051



72436F



4A5924

# Square

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



72436F



774828



285E37



005D7F

# Rectangle

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



72436F



843E44



285E37



006063



# Sweetspot

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



72436F



948293



454372



4A4049



C9C9C9



4A4A4A



# Same Dimension

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



72436F



944B8F



724358



383238



780070



F700E8



# Inverse Universe

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



72436F



944B8F



43725D



383238



780070

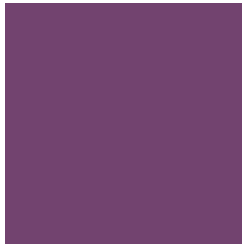


F700E8



# Previews

## White Background



This preview shows how the Hex color 72436F looks on a white background.

## Color Contrast Check

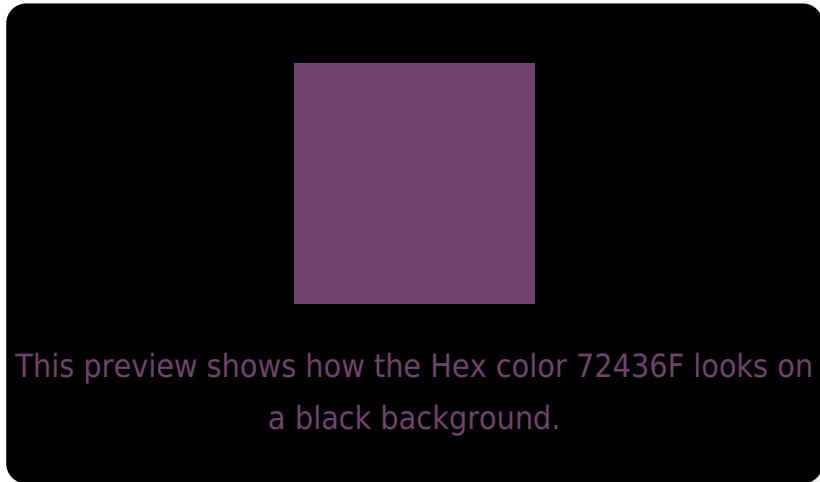
Large Text (above 18pt) WCAG AA ✓ Pass

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

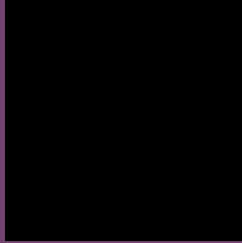
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 72436F Background



This preview shows how black text looks on a background with the Hex color 72436F.



This preview shows how white text looks on a background with the Hex color 72436F.

# 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**  
72436F

**Protanopia**  
46537B

**Deuteranopia**  
4F526C



**Tritanopia**  
6E4A4F

# Trichromacy



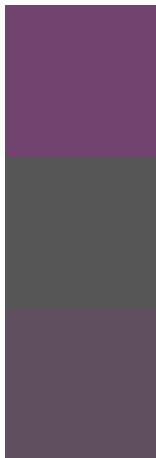
**Original Color**  
72436F

**Protanomaly**  
564D77

**Deuteranomaly**  
5C4D6D

**Tritanomaly**  
6F475B

# Monochromacy



**Original Color**  
72436F

**Achromatopsia**  
565656

**Achromatomaly**  
604F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72436F 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 #72436F looks like.

```
.text, #text, p{  
    color:#72436F  
}
```

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 #72436F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72436F
}
```

## Border

The CSS property to change the border of an element to Hex 72436F is called "border". The border property can be set on classes, ids or directly on the HTML element.

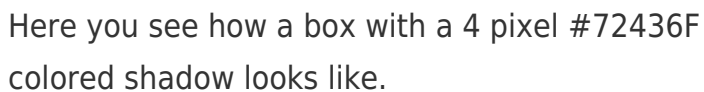
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72436F }
```

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

```
.border{ border-color:#72436F }
```

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



Here you see how a box with a 4 pixel #72436F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72436F; -webkit-box-shadow:4px 4px  
4px 4px #72436F; box-shadow:4px 4px 4px  
4px #72436F }
```

# Background

The CSS property to change the background color of an element to Hex 72436F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72436F }
```

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

```
.background{ background-color:#72436F }
```

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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