

# Converting Colors

Hex(453A5F)

Have a look what the booklet for  
Hex(453A5F) contains.

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# Color

Hex(453A5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	453A5F
RGB	69, 58, 95
RGB Percent	27%, 23%, 37%
CMY	0.7294, 0.7725, 0.6275
CMYK	0.27, 0.39, 0.00, 0.63
HSL	258°, 24%, 30%
HSV	258°, 39%, 37%
XYZ	6.0329, 5.1175, 11.4963
YIQ	65.5070, -5.3210, 13.8390

# Conversions

## Conversions Part 2

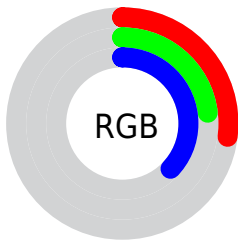
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 58, 95
Decimal	4536927
CIELab	27.07, 13.81, -20.27
CIElCh	27, 24.534, 304.270
Yxy	5.1175, 0.2664, 0.2260
Android (android.graphics.Color)	4282727007 (0xFF453A5F)
YUV	65.5070, 14.5400, 3.0634
Hunter-Lab	22.6220, 8.0141, -14.2952

# Details

The Hex color **453A5F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **545F3A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **766992**, and **181031** is the 20% darker color. If you saturate the color by 10%, you get **3E305F**, and if you desaturate by 10%, it is **4C445F**.

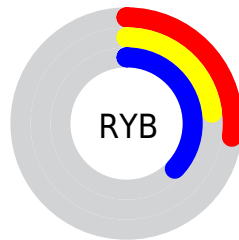
# Distribution



Red (27%)

Green (23%)

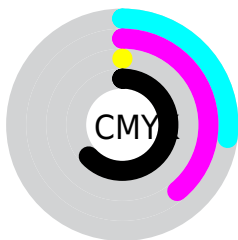
Blue (37%)



Red (27%)

Yellow (23%)

Blue (37%)

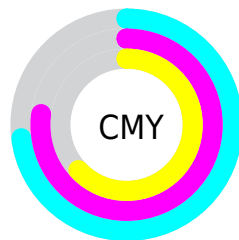


Cyan (27%)

Magenta (39%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (77%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 453A5F 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 453A5F by changing the saturation by 10% instead.



■ 453A5F

■ 453A5F

FFFFFF

■ 2E2447

■ 766992

■ 181031

■ 9082AC

■ 00011C

■ AB9CC8

■ 000000

■ C6B7E4

■ E2D3FF

■ FFEFFF

■ 453A5F

■ 453A5F

■ 3E305F

■ 4C445F

■ 38275F

■ 524D5F

■ 311D5F

■ 59565F

■ 2A145F

■ 60605F

■ 240B5F

■ 666A5F

■ 1D015F

■ 6D735F

■ 1C005F

■ 747C5F

■ 7A865F

■ 81905F

# Harmonies

## Analogous

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



254165



453A5F



593351

# Triad

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



453A5F



58391E



004A42

# Complementary

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



453A5F



545F3A

# 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.



1C482F



453A5F



494019

# Square

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



453A5F



62332C



354520



004954

# Rectangle

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



453A5F



613144



354520



00493C



# Sweetspot

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



453A5F



706C7A



3A555F



37353D



BDBDBD



3D3D3D



# Same Dimension

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



453A5F



52417A



573A5F



2D2C30



210070



4700F0



# Inverse Universe

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



5F3A54



7A4169



425F3A



302C2F



70004F



F000A8



# Previews

## White Background



This preview shows how the Hex color 453A5F looks on a white background.

## Color Contrast Check

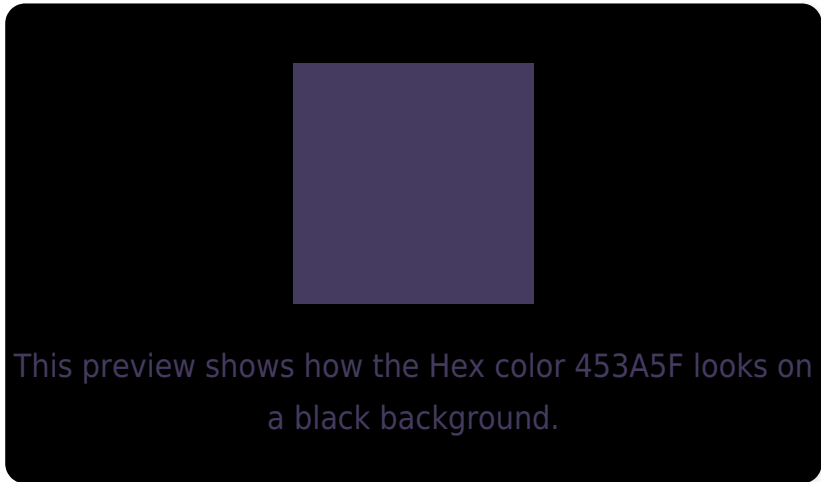
Large Text (above 18pt) WCAG AA ✓ Pass

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

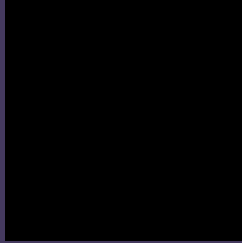
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 453A5F Background



This preview shows how black text looks on a background with the Hex color 453A5F.

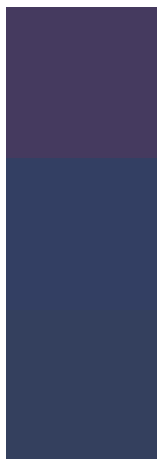


This preview shows how white text looks on a background with the Hex color 453A5F.

# 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**  
453A5F

**Protanopia**  
333F63

**Deuteranopia**  
34405E



**Tritanopia**  
404045

# Trichromacy



**Original Color**  
453A5F

**Protanomaly**  
3A3D62

**Deuteranomaly**  
3A3E5E

**Tritanomaly**  
423E4E

# Monochromacy



**Original Color**  
453A5F

**Achromatopsia**  
424242

**Achromatomaly**  
433F4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 453A5F 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 #453A5F looks like.

```
.text, #text, p{  
    color:#453A5F  
}
```

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 #453A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453A5F
}
```

## Border

The CSS property to change the border of an element to Hex 453A5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

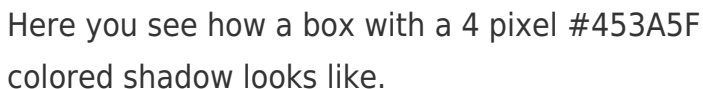
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453A5F }
```

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

```
.border{ border-color:#453A5F }
```

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



Here you see how a box with a 4 pixel #453A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453A5F; -webkit-box-shadow:4px 4px  
4px 4px #453A5F; box-shadow:4px 4px 4px  
4px #453A5F }
```

# Background

The CSS property to change the background color of an element to Hex 453A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453A5F }
```

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

```
.background{ background-color:#453A5F }
```

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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