

# Converting Colors

Hex(453A64)

Have a look what the booklet for  
Hex(453A64) contains.

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# Color

Hex(453A64)

# Conversions

## Conversions Part 1

Format	Color
Hex	453A64
RGB	69, 58, 100
RGB Percent	27%, 23%, 39%
CMY	0.7294, 0.7725, 0.6078
CMYK	0.31, 0.42, 0.00, 0.61
HSL	256°, 27%, 31%
HSV	256°, 42%, 39%
XYZ	6.2675, 5.2114, 12.7322
YIQ	66.0770, -6.9260, 15.3940

# Conversions

## Conversions Part 2

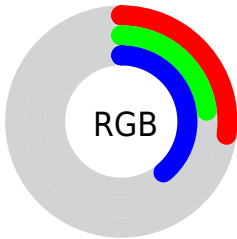
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 58, 100
Decimal	4536932
CIE <sub>Lab</sub>	27.33, 15.24, -23.10
CIE <sub>LCh</sub>	27, 27.671, 303.419
Yxy	5.2114, 0.2589, 0.2152
Android (android.graphics.Color)	4282727012 (0xFF453A64)
YUV	66.0770, 16.7240, 2.5635
Hunter-Lab	22.8285, 9.0570, -17.0878

# Details

The Hex color **453A64** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59643A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **766997**, and **171035** is the 20% darker color. If you saturate the color by 10%, you get **3E3064**, and if you desaturate by 10%, it is **4C4464**.

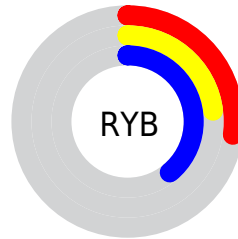
# Distribution



Red (27%)

Green (23%)

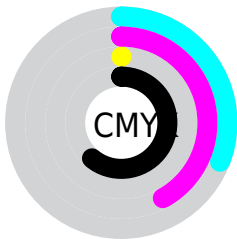
Blue (39%)



Red (27%)

Yellow (23%)

Blue (39%)

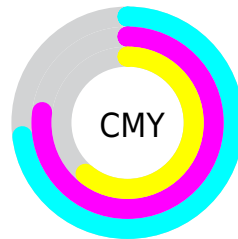


Cyan (31%)

Magenta (42%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (77%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 453A64 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 453A64 by changing the saturation by 10% instead.





453A64



453A64

FFFFFF



2E244C



766997



171035



9082B2



000020



AB9DCD



000003



C7B7EA



000000



E3D3FF



FFEFFF



453A64



453A64



3E3064



4C4464

■ 362664

■ 544E64

■ 2F1C64

■ 5B5864

■ 271264

■ 636264

■ 200864

■ 6A6C64

■ 1A0064

■ 717664

■ 798064

■ 808A64

■ 879464

# Harmonies

## Analogous

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



1D426B



453A64



5C3254

# Triad

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



453A64



5C391B



004B42

# Complementary

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



453A64



59643A

# 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.



164A2D



453A64



4A4014

# Square

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



453A64



66312A



34461B



004B57

# Rectangle

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



453A64



652F46



34461B



004B3B



# Sweetspot

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



453A64



767182



3A5A64



3A3842



C2C2C2



424242



# Same Dimension

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



453A64



524182



5A3A64



2F2E33



1E0073



3F00F2



# Inverse Universe

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



643A59



824171



45643A



332E32



730055



F200B3



# Previews

## White Background



This preview shows how the Hex color 453A64 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

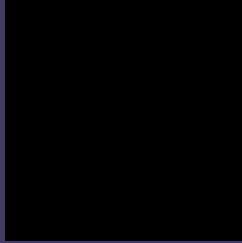
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 453A64 Background



This preview shows how black text looks on a background with the Hex color 453A64.



This preview shows how white text looks on a background with the Hex color 453A64.

# 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](#).

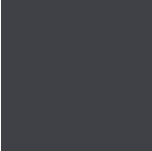
## Dichromacy



**Original Color**  
453A64

**Protanopia**  
303F69

**Deuteranopia**  
304063



**Tritanopia**  
3F4146

# Trichromacy



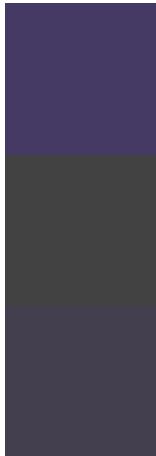
**Original Color**  
453A64

**Protanomaly**  
383D67

**Deuteranomaly**  
383E63

**Tritanomaly**  
413E51

# Monochromacy



**Original Color**  
453A64

**Achromatopsia**  
424242

**Achromatomaly**  
433F4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 453A64 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 #453A64 looks like.

```
.text, #text, p{  
    color:#453A64  
}
```

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 #453A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453A64
}
```

## Border

The CSS property to change the border of an element to Hex 453A64 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
#453A64 }
```

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

```
.border{ border-color:#453A64 }
```

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

Here you see how a box with a 4 pixel #453A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453A64; -webkit-box-shadow:4px 4px  
4px 4px #453A64; box-shadow:4px 4px 4px  
4px #453A64 }
```

# Background

The CSS property to change the background color of an element to Hex 453A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453A64 }
```

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

```
.background{ background-color:#453A64 }
```

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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