

# Converting Colors

Hex(453354)

Have a look what the booklet for  
Hex(453354) contains.

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# Color

**Hex(453354)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	453354
RGB	69, 51, 84
RGB Percent	27%, 20%, 33%
CMY	0.7294, 0.8000, 0.6706
CMYK	0.18, 0.39, 0.00, 0.67
HSL	273°, 24%, 26%
HSV	273°, 39%, 33%
XYZ	5.2383, 4.2730, 8.9362
YIQ	60.1440, 0.1350, 14.0790

# Conversions

## Conversions Part 2

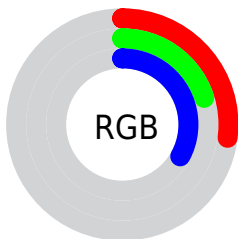
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 51, 84
Decimal	4535124
CIE <sub>Lab</sub>	24.55, 15.48, -16.99
CIE <sub>LCh</sub>	25, 22.985, 312.322
Yxy	4.2730, 0.2840, 0.2316
Android (android.graphics.Color)	4282725204 (0xFF453354)
YUV	60.1440, 11.7610, 7.7667
Hunter-Lab	20.6711, 9.0595, -11.1614

# Details

The Hex color **453354** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **425433**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **766286**, and **1A0627** is the 20% darker color. If you saturate the color by 10%, you get **412B54**, and if you desaturate by 10%, it is **493B54**.

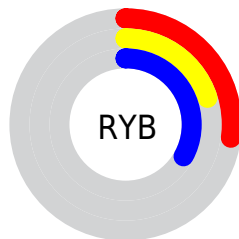
# Distribution



Red (27%)

Green (20%)

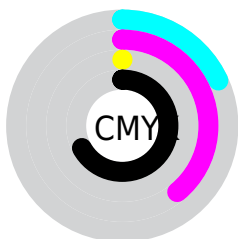
Blue (33%)



Red (27%)

Yellow (20%)

Blue (33%)

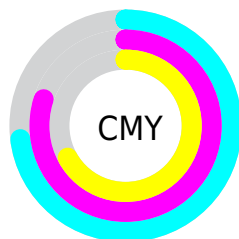


Cyan (18%)

Magenta (39%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (80%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 453354 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 453354 by changing the saturation by 10% instead.





453354



453354

FFFFFF



2E1E3D



766286



1A0627



907BA0



000111



AA94BB



000000



C6AFD7



E2CBF3



FFE7FF



453354



453354



412B54



493B54

■ 3D2254

■ 4D4454

■ 3A1A54

■ 504C54

■ 361154

■ 545554

■ 320954

■ 585D54

■ 2E0154

■ 5C6554

■ 2E0054

■ 606E54

■ 647654

■ 677F54

# Harmonies

## Analogous

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



2B3A5C



453354



552D45

# Triad

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



453354



4D3619



004341

# Complementary

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



453354



425433

# 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.



11422F



453354



3E3C17

# Square

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



453354



583024



2B4020



004251

# Rectangle

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



453354



5A2C3A



2B4020



00433B



# Sweetspot

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



453354



68606E



334254



353038



B8B8B8



383838



# Same Dimension

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



453354



563A6E



543353



272529



390069



7F00E8



# Inverse Universe

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



543342



6E3A52



335434



292527



690030



E80069



# Previews

## White Background



This preview shows how the Hex color 453354 looks on a white background.

## Color Contrast Check

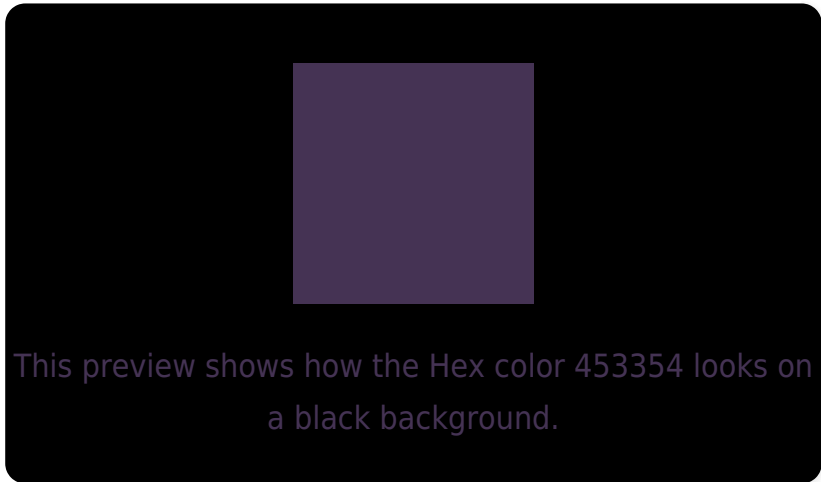
Large Text (above 18pt) WCAG AA ✓ Pass

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

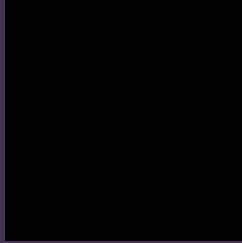
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 453354 Background



This preview shows how black text looks on a background with the Hex color 453354.



This preview shows how white text looks on a background with the Hex color 453354.

# 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](#).

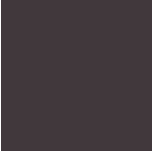
## Dichromacy



**Original Color**  
453354

**Protanopia**  
2F3959

**Deuteranopia**  
323A53



**Tritanopia**  
41383C

# Trichromacy



**Original Color**  
453354

**Protanomaly**  
373757

**Deuteranomaly**  
393753

**Tritanomaly**  
423645

# Monochromacy



**Original Color**  
453354

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3F3945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 453354 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 #453354 looks like.

```
.text, #text, p{  
    color:#453354  
}
```

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 #453354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453354
}
```

## Border

The CSS property to change the border of an element to Hex 453354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

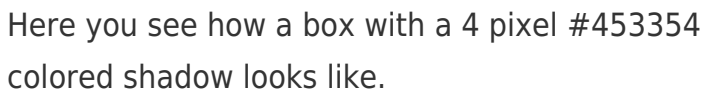
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453354 }
```

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

```
.border{ border-color:#453354 }
```

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



Here you see how a box with a 4 pixel #453354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453354; -webkit-box-shadow:4px 4px  
4px 4px #453354; box-shadow:4px 4px 4px  
4px #453354 }
```

# Background

The CSS property to change the background color of an element to Hex 453354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453354 }
```

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

```
.background{ background-color:#453354 }
```

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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