

# Converting Colors

Hex(455057)

Have a look what the booklet for  
Hex(455057) contains.

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# Color

**Hex(455057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	455057
RGB	69, 80, 87
RGB Percent	27%, 31%, 34%
CMY	0.7294, 0.6863, 0.6588
CMYK	0.21, 0.08, 0.00, 0.66
HSL	203°, 12%, 31%
HSV	203°, 21%, 34%
XYZ	7.0432, 7.6907, 10.1301
YIQ	77.5090, -8.8030, -0.1550

# Conversions

## Conversions Part 2

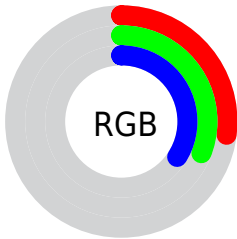
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 76, 87
Decimal	4542551
CIELab	33.33, -2.62, -5.57
CIELCh	33, 6.156, 244.851
Yxy	7.6907, 0.2833, 0.3093
Android (android.graphics.Color)	4282732631 (0xFF455057)
YUV	77.5090, 4.6791, -7.4624
Hunter-Lab	27.7320, -3.1967, -2.2452

# Details

The Hex color **455057** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **574C45**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **758189**, and **19242A** is the 20% darker color. If you saturate the color by 10%, you get **3C4D57**, and if you desaturate by 10%, it is **4E5357**.

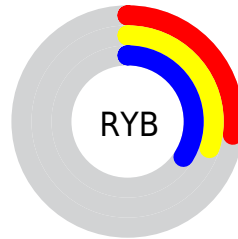
# Distribution



Red (27%)

Green (31%)

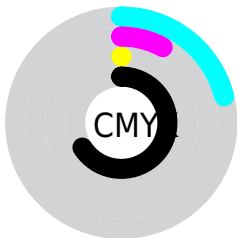
Blue (34%)



Red (27%)

Yellow (30%)

Blue (34%)

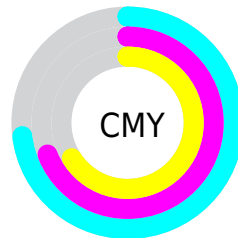


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (66%)



Cyan (73%)

Magenta (69%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 455057 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 455057 by changing the saturation by 10% instead.



■ 455057

■ 455057

FFFFFF

■ 2E3940

■ 758189

■ 19242A

■ 8F9BA3

■ 000E16

■ AAB6BE

■ 000000

■ C5D2DA

■ E1EEF6

FEFFFF

■ 455057

■ 455057

■ 3C4D57

■ 4E5357

■ 344957

■ 565757

■ 2B4657

■ 5F5A57

■ 224257

■ 685E57

■ 193F57

■ 716157

■ 113C57

■ 796457

■ 083857

■ 826857

■ 003557

■ 8B6B57

■ 936E57

# Harmonies

## Analogous

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



425154



455057



4A4F58

# Triad

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



455057



594B4E



4C5046

# Complementary

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



455057



574C45

# 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.



524E45



455057



594C49

# Square

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



455057



564C53



564D46



47514A

# Rectangle

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



455057



4E4D57



564D46



4E4F46



# Sweetspot

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



455057



696E70



45574C



343738



B8B8B8



383838



# Same Dimension

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



455057



546570



454757



272A2B



00416B



008FEB



# Inverse Universe

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



574550



705465



575545



2B272A



6B0041

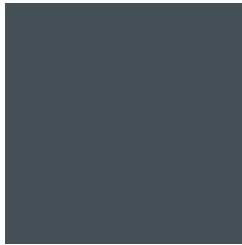


EB008F



# Previews

## White Background



This preview shows how the Hex color 455057 looks on a white background.

## Color Contrast Check

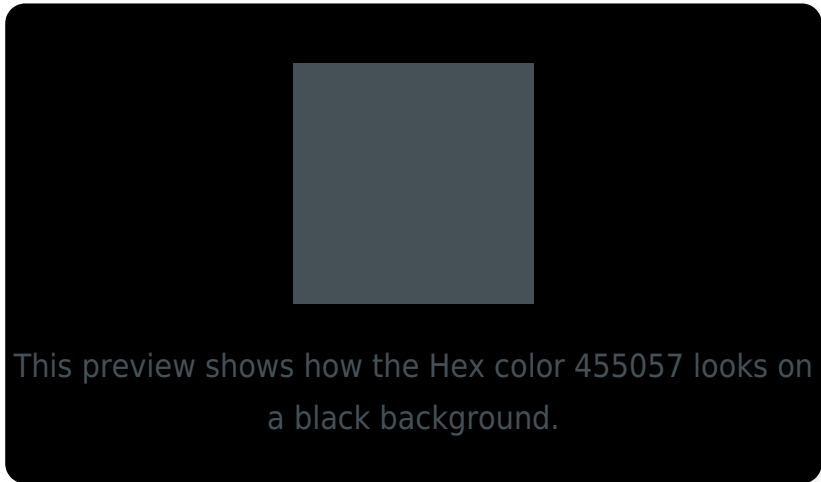
Large Text (above 18pt) WCAG AA ✓ Pass

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

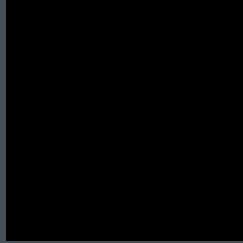
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

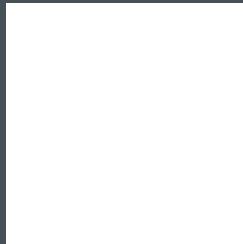
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 455057 Background



This preview shows how black text looks on a background with the Hex color 455057.



This preview shows how white text looks on a background with the Hex color 455057.

# 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**  
455057

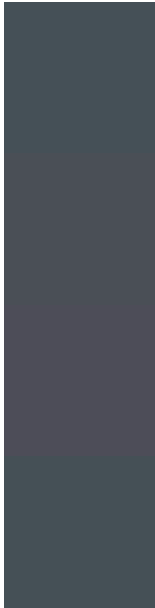
**Protanopia**  
4D4E56

**Deuteranopia**  
514C58



**Tritanopia**  
455056

# Trichromacy



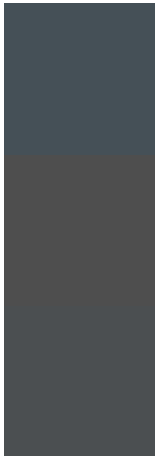
**Original Color**  
455057

**Protanomaly**  
4A4F56

**Deuteranomaly**  
4D4D58

**Tritanomaly**  
455056

# Monochromacy



**Original Color**  
455057

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4B4F51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 455057 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 #455057 looks like.

```
.text, #text, p{  
    color:#455057  
}
```

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 #455057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455057
}
```

## Border

The CSS property to change the border of an element to Hex 455057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

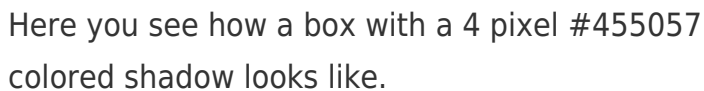
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#455057 }
```

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

```
.border{ border-color:#455057 }
```

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



Here you see how a box with a 4 pixel #455057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455057; -webkit-box-shadow:4px 4px  
4px 4px #455057; box-shadow:4px 4px 4px  
4px #455057 }
```

# Background

The CSS property to change the background color of an element to Hex 455057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455057 }
```

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

```
.background{ background-color:#455057 }
```

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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