

# Converting Colors

Hex(463858)

Have a look what the booklet for  
Hex(463858) contains.

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# Color

**Hex(463858)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	463858
RGB	70, 56, 88
RGB Percent	27%, 22%, 35%
CMY	0.7255, 0.7804, 0.6549
CMYK	0.20, 0.36, 0.00, 0.65
HSL	266°, 22%, 28%
HSV	266°, 36%, 35%
XYZ	5.7014, 4.8350, 9.8653
YIQ	63.8340, -1.9280, 12.9200

# Conversions

## Conversions Part 2

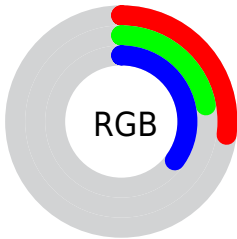
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 56, 88
Decimal	4601944
CIE <sub>Lab</sub>	26.26, 13.57, -16.97
CIE <sub>LCh</sub>	26, 21.729, 308.661
Yxy	4.8350, 0.2795, 0.2370
Android (android.graphics.Color)	4282792024 (0xFF463858)
<b>YUV</b>	63.8340, 11.9138, 5.4076
Hunter-Lab	21.9887, 7.8028, -11.2085

# Details

The Hex color **463858** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A5838**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **77678A**, and **1A0E2A** is the 20% darker color. If you saturate the color by 10%, you get **412F58**, and if you desaturate by 10%, it is **4B4158**.

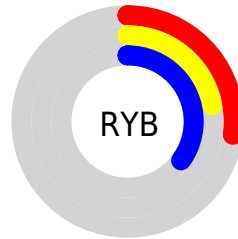
# Distribution



Red (27%)

Green (22%)

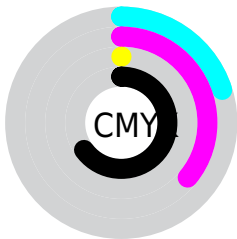
Blue (35%)



Red (27%)

Yellow (22%)

Blue (35%)

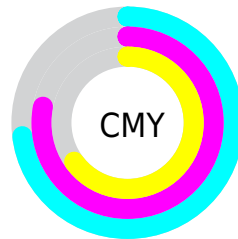


Cyan (20%)

Magenta (36%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (78%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 463858 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 463858 by changing the saturation by 10% instead.



■ 463858

■ 463858

FFFFFF

■ 2F2241

■ 77678A

■ 1A0E2A

■ 9180A4

■ 000116

■ AB9AC0

■ 000000

■ C7B5DB

■ E3D1F8

■ FFEDFF

■ 463858

■ 463858

■ 412F58

■ 4B4158

■ 3C2658

■ 504A58

■ 371E58

■ 555258

■ 321558

■ 5A5B58

■ 2D0C58

■ 5F6458

■ 280358

■ 646D58

■ 270058

■ 697658

■ 6E7E58

■ 738758

# Harmonies

## Analogous

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



2D3E5F



463858



57334B

# Triad

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



463858



52391F



004743

# Complementary

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



463858



4A5838

# 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.



1C4632



463858



443F1D

# Square

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



463858



5C332A



324324



004652

# Rectangle

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



463858



5C3140



324324



06473D



# Sweetspot

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



463858



6C6673



384A58



36333B



BABABA



3B3B3B



# Same Dimension

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



463858



564073



563858



29272B



2F006B



6700EB



# Inverse Universe

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



58384A



73405D



3A5838



2B2729



6B003C



EB0084



# Previews

## White Background



This preview shows how the Hex color 463858 looks on a white background.

## Color Contrast Check

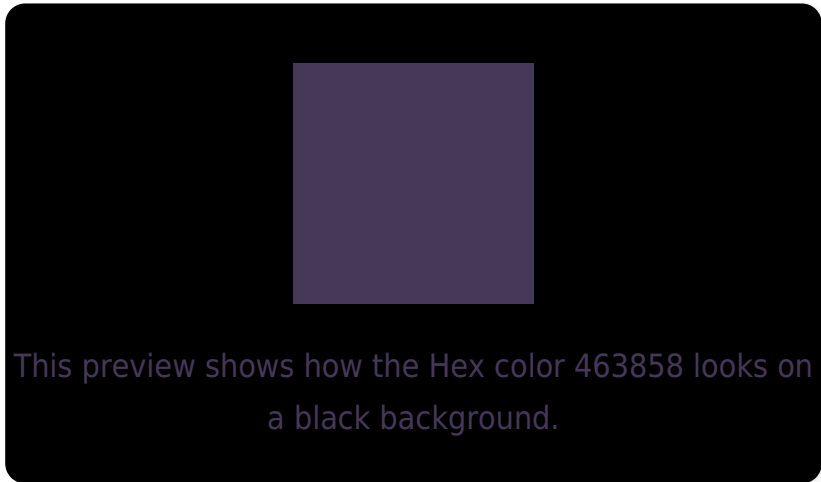
Large Text (above 18pt) WCAG AA ✓ Pass

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

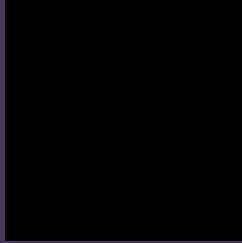
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 463858 Background



This preview shows how black text looks on a background with the Hex color 463858.



This preview shows how white text looks on a background with the Hex color 463858.

# 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**  
463858

**Protanopia**  
343D5C

**Deuteranopia**  
363E57



**Tritanopia**  
423D41

# Trichromacy



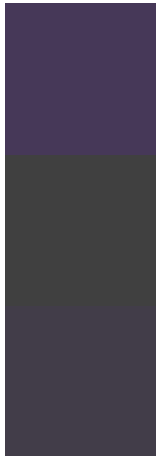
**Original Color**  
463858

**Protanomaly**  
3B3B5B

**Deuteranomaly**  
3C3C57

**Tritanomaly**  
433B49

# Monochromacy



**Original Color**  
463858

**Achromatopsia**  
404040

**Achromatomaly**  
423D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 463858 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 #463858 looks like.

```
.text, #text, p{  
    color:#463858  
}
```

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 #463858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463858
}
```

## Border

The CSS property to change the border of an element to Hex 463858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

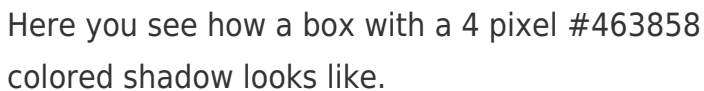
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463858 }
```

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

```
.border{ border-color:#463858 }
```

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



Here you see how a box with a 4 pixel #463858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463858; -webkit-box-shadow:4px 4px  
4px 4px #463858; box-shadow:4px 4px 4px  
4px #463858 }
```

# Background

The CSS property to change the background color of an element to Hex 463858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463858 }
```

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

```
.background{ background-color:#463858 }
```

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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