

# Converting Colors

Hex(465766)

Have a look what the booklet for  
Hex(465766) contains.

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# Color

Hex(465766)

# Conversions

## Conversions Part 1

Format	Color
Hex	465766
RGB	70, 87, 102
RGB Percent	27%, 34%, 40%
CMY	0.7255, 0.6588, 0.6000
CMYK	0.31, 0.15, 0.00, 0.60
HSL	208°, 19%, 34%
HSV	208°, 31%, 40%
XYZ	8.3323, 9.0778, 13.8834
YIQ	83.6270, -14.9470, 1.0610

# Conversions

## Conversions Part 2

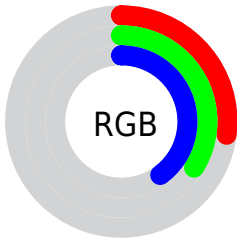
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 81, 102
Decimal	4609894
CIE <sub>Lab</sub>	36.13, -2.60, -10.78
CIE <sub>LCh</sub>	36, 11.088, 256.444
Yxy	9.0778, 0.2663, 0.2901
Android (android.graphics.Color)	4282799974 (0xFF465766)
YUV	83.6270, 9.0579, -11.9509
Hunter-Lab	30.1294, -3.3624, -6.2299

# Details

The Hex color **465766** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665546**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **778999**, and **192A37** is the 20% darker color. If you saturate the color by 10%, you get **3C5266**, and if you desaturate by 10%, it is **505C66**.

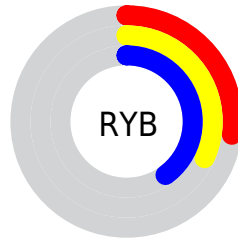
# Distribution



Red (27%)

Green (34%)

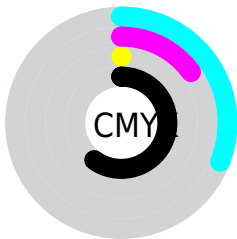
Blue (40%)



Red (27%)

Yellow (32%)

Blue (40%)

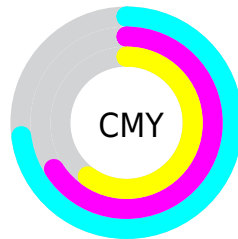


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (66%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 465766 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 465766 by changing the saturation by 10% instead.



■ 465766

■ 465766

FFFFFF

■ 2F404E

■ 778999

■ 192A37

■ 91A3B4

■ 021622

■ ACBECF

■ 00000A

■ C7DAEC

■ 000000

■ E4F6FF

■ 465766

■ 465766

■ 3C5266

■ 505C66

■ 324D66

■ 5A6166

■ 274966

■ 656566

■ 1D4466

■ 6F6A66

■ 133F66

■ 796F66

■ 093A66

■ 837466

■ 003666

■ 8D7866

■ 987D66

■ A28266

# Harmonies

## Analogous

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



3E5962



465766



515466

# Triad

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



465766



684F50



4D5849

# Complementary

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



465766



665546

# 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.



575644



465766



665048

# Square

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



465766



644F59



605344



435A51

# Rectangle

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



465766



595263



605344



505847



# Sweetspot

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



465766



797F85



466655



3B3F42



C2C2C2



424242



# Same Dimension

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



465766



526D85



464766



2E3133



003D73



0081F2



# Inverse Universe

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



664657



85526D



666546



332E31



73003D

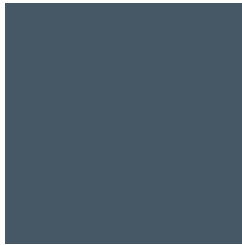


F20081



# Previews

## White Background



This preview shows how the Hex color 465766 looks on a white background.

## Color Contrast Check

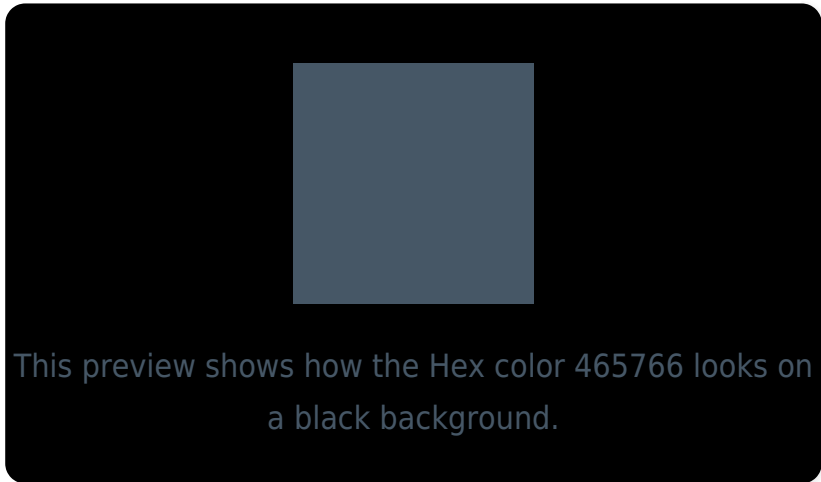
Large Text (above 18pt) WCAG AA ✓ Pass

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

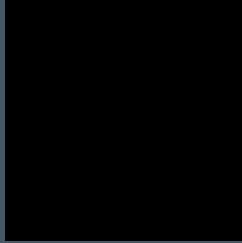
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

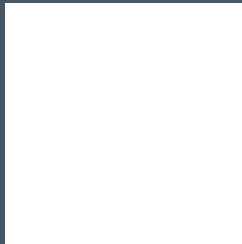
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 465766 Background



This preview shows how black text looks on a background with the Hex color 465766.

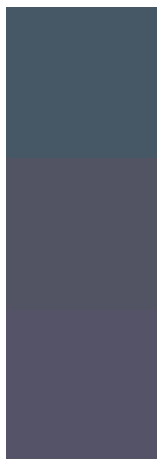


This preview shows how white text looks on a background with the Hex color 465766.

# 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**

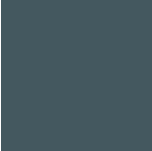
465766

**Protanopia**

525464

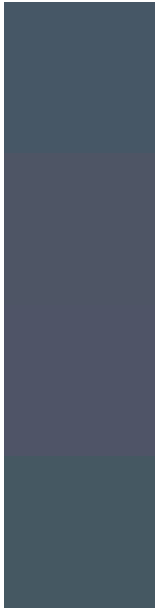
**Deuteranopia**

545367



**Tritanopia**  
44585F

# Trichromacy



**Original Color**  
465766

**Protanomaly**  
4E5565

**Deuteranomaly**  
4F5467

**Tritanomaly**  
455862

# Monochromacy



**Original Color**  
465766

**Achromatopsia**  
545454

**Achromatomaly**  
4F555B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 465766 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 #465766 looks like.

```
.text, #text, p{  
    color:#465766  
}
```

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 #465766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465766  
}
```

## Border

The CSS property to change the border of an element to Hex 465766 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  
#465766 }
```

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

```
.border{ border-color:#465766 }
```

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

Here you see how a box with a 4 pixel #465766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465766; -webkit-box-shadow:4px 4px  
4px 4px #465766; box-shadow:4px 4px 4px  
4px #465766 }
```

# Background

The CSS property to change the background color of an element to Hex 465766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465766 }
```

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

```
.background{ background-color:#465766 }
```

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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