

# Converting Colors

Hex(465864)

Have a look what the booklet for  
Hex(465864) contains.

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# Color

**Hex(465864)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	465864
RGB	70, 88, 100
RGB Percent	27%, 35%, 39%
CMY	0.7255, 0.6549, 0.6078
CMYK	0.30, 0.12, 0.00, 0.61
HSL	204°, 18%, 33%
HSV	204°, 30%, 39%
XYZ	8.3158, 9.2016, 13.3944
YIQ	83.9860, -14.5800, -0.0840

# Conversions

## Conversions Part 2

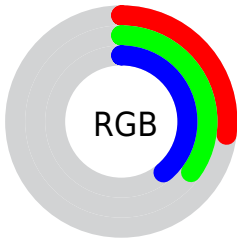
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 81, 100
Decimal	4610148
CIE <sub>Lab</sub>	36.37, -3.76, -9.18
CIE <sub>LCh</sub>	36, 9.917, 247.702
Yxy	9.2016, 0.2690, 0.2977
Android (android.graphics.Color)	4282800228 (0xFF465864)
YUV	83.9860, 7.8949, -12.2657
Hunter-Lab	30.3342, -4.1512, -4.9462

# Details

The Hex color **465864** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **645246**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **778A97**, and **192B35** is the 20% darker color. If you saturate the color by 10%, you get **3C5464**, and if you desaturate by 10%, it is **505C64**.

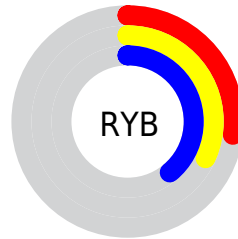
# Distribution



Red (27%)

Green (35%)

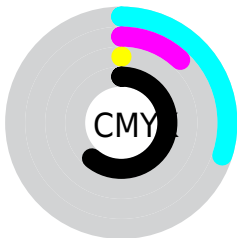
Blue (39%)



Red (27%)

Yellow (32%)

Blue (39%)

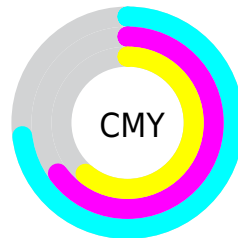


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (65%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 465864 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 465864 by changing the saturation by 10% instead.



■ 465864

■ 465864

FFFFFF

■ 2F414C

■ 778A97

■ 192B35

■ 91A4B2

■ 021620

■ ACBFCD

■ 000007

■ C7DBE9

■ 000000

■ E3F8FF

■ 465864

■ 465864

■ 3C5464

■ 505C64

■ 325064

■ 5A6064

■ 284C64

■ 646464

■ 1E4864

■ 6E6864

■ 144464

■ 786C64

■ 0A4064

■ 827064

■ 003C64

■ 8C7464

■ 967864

■ A07C64

# Harmonies

## Analogous

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



415A5F



465864



4F5665

# Triad

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



465864



665054



515849

# Complementary

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



465864



645246

# 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.



5A5646



465864



66514C

# Square

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



465864



62515C



615347



485A4F

# Rectangle

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



465864



565464



615347



545747



# Sweetspot

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



465864



767D82



466452



3B3F42



C2C2C2



424242



# Same Dimension

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



465864



536F82



464964



2E3133



004573



0091F2



# Inverse Universe

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



644658



82536F



646146



332E31



730045



F20091



# Previews

## White Background



This preview shows how the Hex color 465864 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

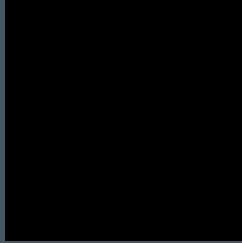
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

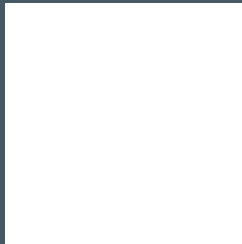
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 465864 Background



This preview shows how black text looks on a background with the Hex color 465864.

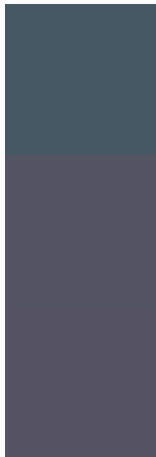


This preview shows how white text looks on a background with the Hex color 465864.

# 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](#).

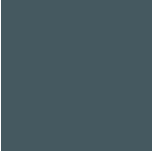
## Dichromacy



**Original Color**  
465864

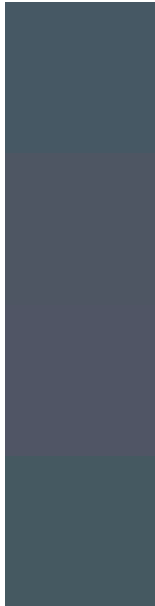
**Protanopia**  
535562

**Deuteranopia**  
565365



**Tritanopia**  
455960

# Trichromacy



**Original Color**

465864

**Protanomaly**

4E5663

**Deuteranomaly**

505565

**Tritanomaly**

455961

# Monochromacy



**Original Color**

465864

**Achromatopsia**

545454

**Achromatomaly**

4F555A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 465864 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 #465864 looks like.

```
.text, #text, p{  
    color:#465864  
}
```

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 #465864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465864
}
```

## Border

The CSS property to change the border of an element to Hex 465864 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
#465864 }
```

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

```
.border{ border-color:#465864 }
```

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

Here you see how a box with a 4 pixel #465864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465864; -webkit-box-shadow:4px 4px  
4px 4px #465864; box-shadow:4px 4px 4px  
4px #465864 }
```

# Background

The CSS property to change the background color of an element to Hex 465864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465864 }
```

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

```
.background{ background-color:#465864 }
```

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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