

# Converting Colors

Hex(454860)

Have a look what the booklet for  
Hex(454860) contains.

<b>Hex(454860)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(454860)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	454860
RGB	69, 72, 96
RGB Percent	27%, 28%, 38%
CMY	0.7294, 0.7176, 0.6235
CMYK	0.28, 0.25, 0.00, 0.62
HSL	233°, 16%, 32%
HSV	233°, 28%, 38%
XYZ	6.8829, 6.7445, 12.0054
YIQ	73.8390, -9.4920, 6.8280

# Conversions

## Conversions Part 2

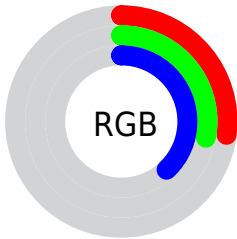
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 72, 96
Decimal	4540512
CIELab	31.22, 4.88, -14.49
CIELCh	31, 15.294, 288.618
Yxy	6.7445, 0.2685, 0.2631
Android (android.graphics.Color)	4282730592 (0xFF454860)
YUV	73.8390, 10.9254, -4.2438
Hunter-Lab	25.9701, 1.8606, -9.2293

# Details

The Hex color **454860** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **605D45**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **767893**, and **181D32** is the 20% darker color. If you saturate the color by 10%, you get **3B3F60**, and if you desaturate by 10%, it is **4F5160**.

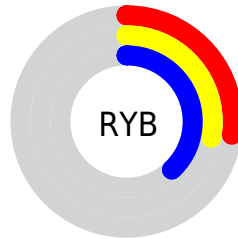
# Distribution



Red (27%)

Green (28%)

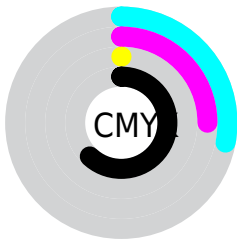
Blue (38%)



Red (27%)

Yellow (28%)

Blue (38%)

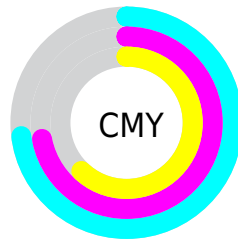


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (62%)



Cyan (73%)

Magenta (72%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 454860 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 454860 by changing the saturation by 10% instead.



■ 454860

■ 454860

FFFFFF

■ 2E3248

■ 767893

■ 181D32

■ 9092AD

■ 00021D

■ AAADC9

■ 000000

■ C6C8E5

■ E2E4FF

FEFFFF

■ 454860

■ 454860

■ 3B3F60

■ 4F5160

■ 323760

■ 585960

■ 282E60

■ 626260

■ 1F2660

■ 6B6A60

■ 151D60

■ 757360

■ 0B1560

■ 7F7B60

■ 020C60

■ 888460

■ 000B60

■ 928C60

■ 9B9560

# Harmonies

## Analogous

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



344C61



454860



544459

# Triad

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



454860



5F4338



2F5044

# Complementary

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



454860



605D45

# 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.



3D4E39



454860



564732

# Square

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



454860



624142



4A4B33



265051

# Rectangle

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



454860



5C4252



4A4B33



344F40



# Sweetspot

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



454860



73747D



45605D



393A40



BFBFBF



404040



# Same Dimension

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



454860



52577D



4F4560



2C2C30



000C70



001BF0



# Inverse Universe

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



604548



7D5257



566045



302C2C



70000C

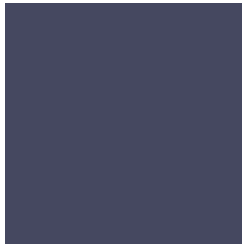


F0001B



# Previews

## White Background



This preview shows how the Hex color 454860 looks on a white background.

## Color Contrast Check

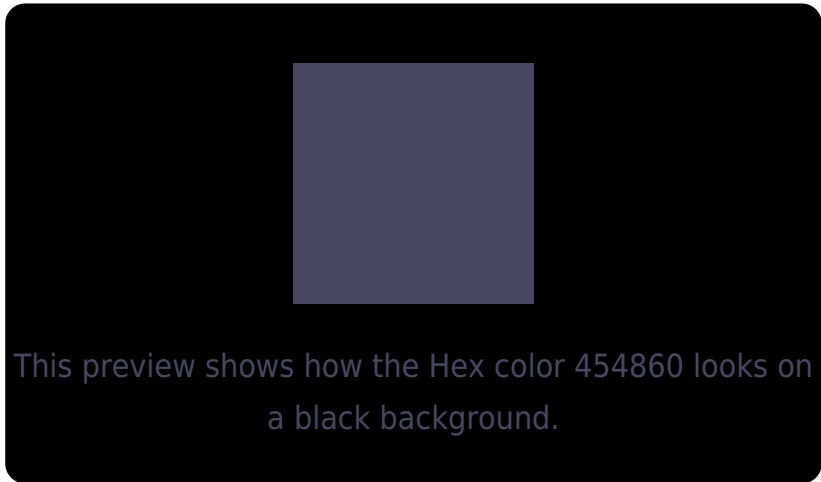
Large Text (above 18pt) WCAG AA ✓ Pass

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

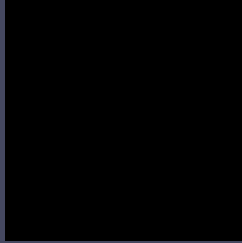
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 454860 Background



This preview shows how black text looks on a background with the Hex color 454860.

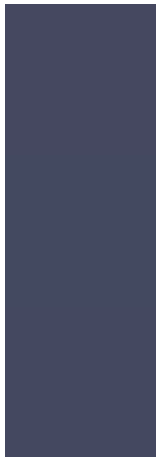


This preview shows how white text looks on a background with the Hex color 454860.

# 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**  
454860

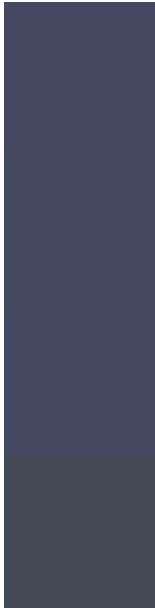
**Protanopia**  
434960

**Deuteranopia**  
444860



**Tritanopia**  
424B51

# Trichromacy



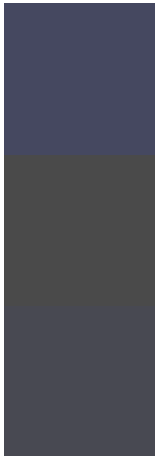
**Original Color**  
454860

**Protanomaly**  
444960

**Deuteranomaly**  
444860

**Tritanomaly**  
434A56

# Monochromacy



**Original Color**  
454860

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
484952

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 454860 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 #454860 looks like.

```
.text, #text, p{  
    color:#454860  
}
```

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 #454860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454860
}
```

## Border

The CSS property to change the border of an element to Hex 454860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

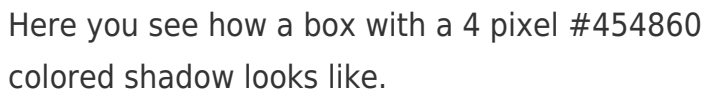
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454860 }
```

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

```
.border{ border-color:#454860 }
```

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



Here you see how a box with a 4 pixel #454860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454860; -webkit-box-shadow:4px 4px  
4px 4px #454860; box-shadow:4px 4px 4px  
4px #454860 }
```

# Background

The CSS property to change the background color of an element to Hex 454860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454860 }
```

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

```
.background{ background-color:#454860 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor