

# Converting Colors

Hex(3C4560)

Have a look what the booklet for  
Hex(3C4560) contains.

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# Color

Hex(3C4560)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C4560
RGB	60, 69, 96
RGB Percent	24%, 27%, 38%
CMY	0.7647, 0.7294, 0.6235
CMYK	0.37, 0.28, 0.00, 0.62
HSL	225°, 23%, 31%
HSV	225°, 38%, 38%
XYZ	6.1029, 6.0614, 11.9146
YIQ	69.3870, -14.0310, 6.4890

# Conversions

## Conversions Part 2

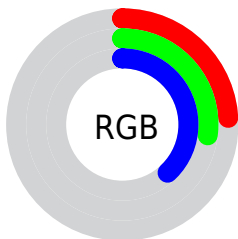
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 67, 96
Decimal	3949920
CIELab	29.57, 3.81, -17.10
CIElCh	30, 17.517, 282.559
Yxy	6.0614, 0.2535, 0.2517
Android (android.graphics.Color)	4282140000 (0xFF3C4560)
YUV	69.3870, 13.1202, -8.2324
Hunter-Lab	24.6200, 1.1625, -11.4590

# Details

The Hex color **3C4560** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **60573C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6D7593**, and **0E1A32** is the 20% darker color. If you saturate the color by 10%, you get **323E60**, and if you desaturate by 10%, it is **464C60**.

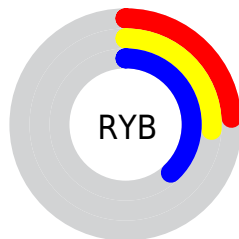
# Distribution



Red (24%)

Green (27%)

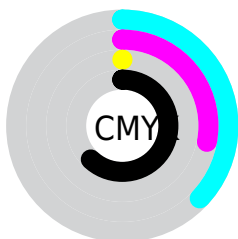
Blue (38%)



Red (24%)

Yellow (26%)

Blue (38%)

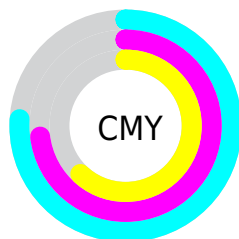


Cyan (37%)

Magenta (28%)

Yellow (0%)

Black (62%)



Cyan (76%)

Magenta (73%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C4560 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 3C4560 by changing the saturation by 10% instead.





3C4560



3C4560

FFFFFF



252F48



6D7593



0E1A32



868FAD



00001D



A1A9C9



000000



BCC4E5



D8E0FF



F4FDFF



3C4560



3C4560



323E60



464C60

■ 293760

■ 4F5360

■ 1F2F60

■ 595B60

■ 162860

■ 626260

■ 0C2160

■ 6C6960

■ 021A60

■ 767060

■ 001860

■ 7F7760

■ 897F60

■ 928660

# Harmonies

## Analogous

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



27495F



3C4560



4F405A

# Triad

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



3C4560



5E3E34



2A4C3D

# Complementary

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



3C4560



60573C

# 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.



3A4A31



3C4560



56422C

# Square

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



3C4560



613B40



49472B



1B4D4B

# Rectangle

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



3C4560



583D52



49472B



2F4C39



# Sweetspot

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



3C4560



6F737D



3C6057



373A40



BFBFBF



404040



# Same Dimension

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



3C4560



45537D



453C60



2C2D30



001C70



003CF0



# Inverse Universe

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



603C45



7D4553



57603C



302C2D



70001C



F0003C



# Previews

## White Background



This preview shows how the Hex color 3C4560 looks on a white background.

## Color Contrast Check

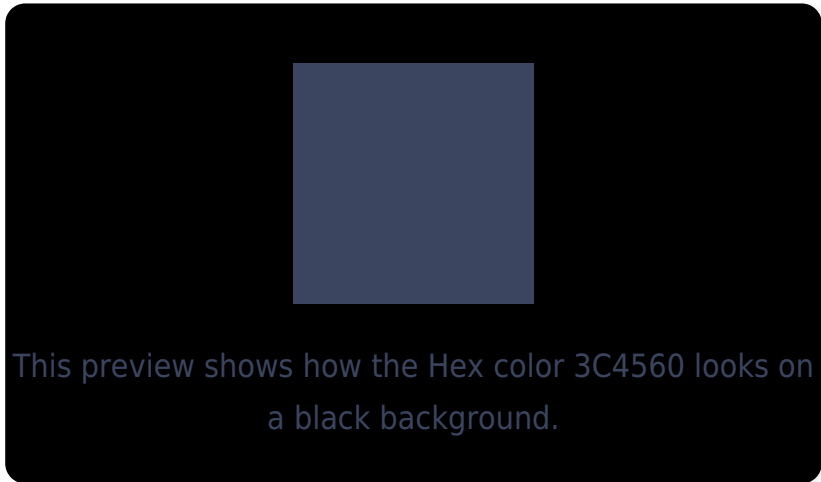
Large Text (above 18pt) WCAG AA ✓ Pass

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

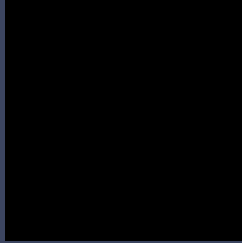
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C4560 Background



This preview shows how black text looks on a background with the Hex color 3C4560.



This preview shows how white text looks on a background with the Hex color 3C4560.

# 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**

3C4560

**Protanopia**

3E4560

**Deuteranopia**

3D4560



**Tritanopia**  
38484E

# Trichromacy



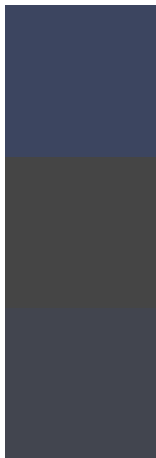
**Original Color**  
3C4560

**Protanomaly**  
3D4560

**Deuteranomaly**  
3D4560

**Tritanomaly**  
394755

# Monochromacy



**Original Color**  
3C4560

**Achromatopsia**  
454545

**Achromatomaly**  
42454F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C4560 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 #3C4560 looks like.

```
.text, #text, p{  
    color:#3C4560  
}
```

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 #3C4560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4560
}
```

## Border

The CSS property to change the border of an element to Hex 3C4560 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
#3C4560 }
```

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

```
.border{ border-color:#3C4560 }
```

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

Here you see how a box with a 4 pixel #3C4560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4560; -webkit-box-shadow:4px 4px  
4px 4px #3C4560; box-shadow:4px 4px 4px  
4px #3C4560 }
```

# Background

The CSS property to change the background color of an element to Hex 3C4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4560 }
```

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

```
.background{ background-color:#3C4560 }
```

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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