

# Converting Colors

Hex(4C5360)

Have a look what the booklet for  
Hex(4C5360) contains.

<b>Hex(4C5360)</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(4C5360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5360
RGB	76, 83, 96
RGB Percent	30%, 33%, 38%
CMY	0.7020, 0.6745, 0.6235
CMYK	0.21, 0.14, 0.00, 0.62
HSL	219°, 12%, 34%
HSV	219°, 21%, 38%
XYZ	8.1851, 8.5675, 12.2886
YIQ	82.3890, -8.3450, 2.5590

# Conversions

## Conversions Part 2

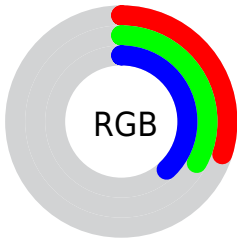
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 81, 96
Decimal	5002080
CIE Lab	35.14, 0.38, -8.48
CIE LCh	35, 8.492, 272.546
Yxy	8.5675, 0.2818, 0.2950
Android (android.graphics.Color)	4283192160 (0xFF4C5360)
YUV	82.3890, 6.7102, -5.6032
Hunter-Lab	29.2704, -1.3080, -4.4026

# Details

The Hex color **4C5360** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **60594C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7D8493**, and **1F2632** is the 20% darker color. If you saturate the color by 10%, you get **424D60**, and if you desaturate by 10%, it is **565960**.

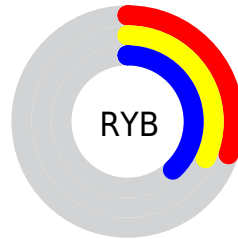
# Distribution



 Red (30%)

 Green (33%)

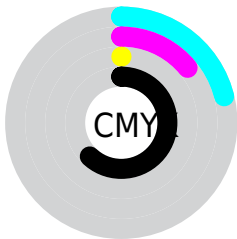
 Blue (38%)



 Red (30%)

 Yellow (32%)

 Blue (38%)

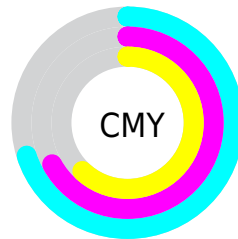


 Cyan (21%)

 Magenta (14%)

 Yellow (0%)

 Black (62%)



 Cyan (70%)

 Magenta (67%)

 Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C5360 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 4C5360 by changing the saturation by 10% instead.



■ 4C5360

■ 4C5360

FFFFFF

■ 353C48

■ 7D8493

■ 1F2632

■ 979EAD

■ 0A121D

■ B2B9C8

■ 000000

■ CDD5E4

■ EAF1FF

■ 4C5360

■ 4C5360

■ 424D60

■ 565960

■ 394760

■ 5F5F60

■ 2F4060

■ 696660

■ 263A60

■ 726C60

■ 1C3460

■ 7C7260

■ 122E60

■ 867860

■ 092760

■ 8F7F60

■ 002260

■ 998560

■ A28B60

# Harmonies

## Analogous

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



45555E



4C5360



55515E

# Triad

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



4C5360



614E4C



48564C

# Complementary

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



4C5360



60594C

# 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.



505447



4C5360



5E5047

# Square

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



4C5360



604E52



585245



435753

# Rectangle

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



4C5360



5A4F5B



585245



4B564A



# Sweetspot

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



4C5360



75787D



4C6059



3B3D40



BFBFBF



404040



# Same Dimension

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



4C5360



5E697D



4F4C60



2C2D30



002770



0054F0



# Inverse Universe

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



604C53



7D5E69



5D604C



302C2D



700027

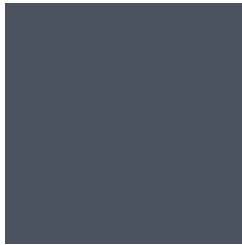


F00054



# Previews

## White Background



This preview shows how the Hex color 4C5360 looks on a white background.

## Color Contrast Check

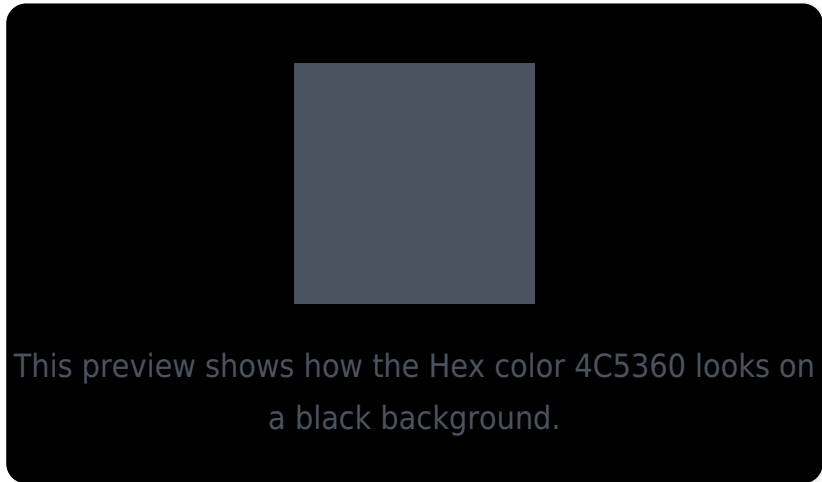
Large Text (above 18pt) WCAG AA ✓ Pass

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

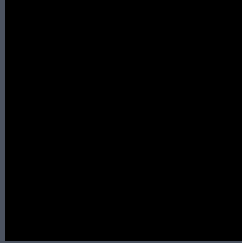
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

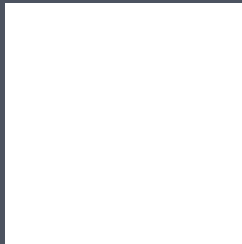
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C5360 Background



This preview shows how black text looks on a background with the Hex color 4C5360.

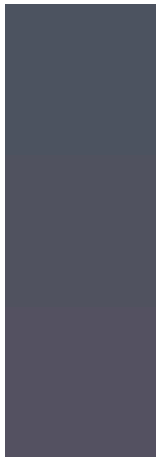


This preview shows how white text looks on a background with the Hex color 4C5360.

# 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**  
4C5360

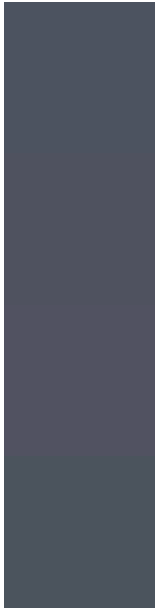
**Protanopia**  
50525F

**Deuteranopia**  
545161



**Tritanopia**  
4B545B

# Trichromacy



**Original Color**  
4C5360

**Protanomaly**  
4F525F

**Deuteranomaly**  
515261

**Tritanomaly**  
4B545D

# Monochromacy



**Original Color**  
4C5360

**Achromatopsia**  
525252

**Achromatomaly**  
505257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C5360 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 #4C5360 looks like.

```
.text, #text, p{  
    color:#4C5360  
}
```

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 #4C5360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5360
}
```

## Border

The CSS property to change the border of an element to Hex 4C5360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

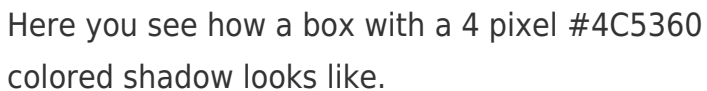
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5360 }
```

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

```
.border{ border-color:#4C5360 }
```

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



Here you see how a box with a 4 pixel #4C5360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5360; -webkit-box-shadow:4px 4px  
4px 4px #4C5360; box-shadow:4px 4px 4px  
4px #4C5360 }
```

# Background

The CSS property to change the background color of an element to Hex 4C5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5360 }
```

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

```
.background{ background-color:#4C5360 }
```

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