

# Converting Colors

Hex(4C6364)

Have a look what the booklet for  
Hex(4C6364) contains.

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# Color

Hex(4C6364)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6364
RGB	76, 99, 100
RGB Percent	30%, 39%, 39%
CMY	0.7020, 0.6118, 0.6078
CMYK	0.24, 0.01, 0.00, 0.61
HSL	182°, 14%, 35%
HSV	182°, 24%, 39%
XYZ	9.7426, 11.3803, 13.7397
YIQ	92.2370, -14.0290, -4.5650

# Conversions

## Conversions Part 2

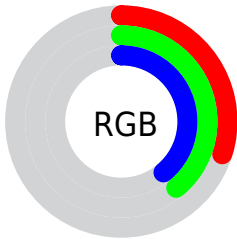
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 88, 100
Decimal	5006180
CIE <sub>Lab</sub>	40.21, -8.30, -3.40
CIE <sub>LCh</sub>	40, 8.969, 202.248
Yxy	11.3803, 0.2795, 0.3264
Android (android.graphics.Color)	4283196260 (0xFF4C6364)
YUV	92.2370, 3.8272, -14.2398
Hunter-Lab	33.7347, -7.4848, -0.5338

# Details

The Hex color **4C6364** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **644D4C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7D9697**, and **1F3435** is the 20% darker color. If you saturate the color by 10%, you get **426364**, and if you desaturate by 10%, it is **566364**.

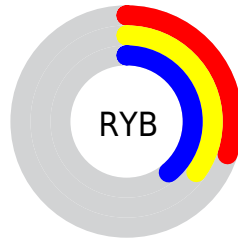
# Distribution



Red (30%)

Green (39%)

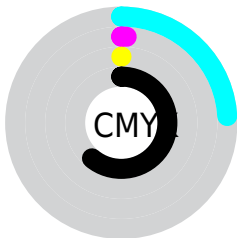
Blue (39%)



Red (30%)

Yellow (35%)

Blue (39%)

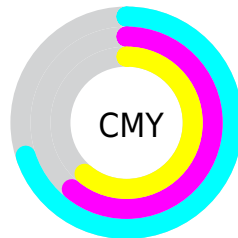


Cyan (24%)

Magenta (1%)

Yellow (0%)

Black (61%)



Cyan (70%)

Magenta (61%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6364 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 4C6364 by changing the saturation by 10% instead.





4C6364



4C6364

FFFFFF



354B4C



7D9697



1F3435



98B0B1



091F20



B2CCCD



000209



CEE8E9



000000



EAffFF



4C6364



4C6364



426364



566364



386264



606464

■ 2E6264

■ 6A6464

■ 246164

■ 746564

■ 1A6164

■ 7E6564

■ 106164

■ 886664

■ 066064

■ 926664

■ 006064

■ 9C6664

■ A66764

# Harmonies

## Analogous

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



4F635D



4C6364



4E626A

# Triad

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



4C6364



675B68



675E50

# Complementary

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



4C6364



644D4C

# 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.



6C5B53



4C6364



6D5A61

# Square

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



4C6364



5E5E6C



6E5A5A



5F6051

# Rectangle

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



4C6364



52616C



6E5A5A



695D51



# Sweetspot

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



4C6364



798282



4C644D



3D4242



C2C2C2



424242



# Same Dimension

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



4C6364



5C8082



4C5764



2E3333



006E73



00E8F2



# Inverse Universe

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



644C63



825C80



64594C



332E33



73006E



F200E8



# Previews

## White Background



This preview shows how the Hex color 4C6364 looks on a white background.

## Color Contrast Check

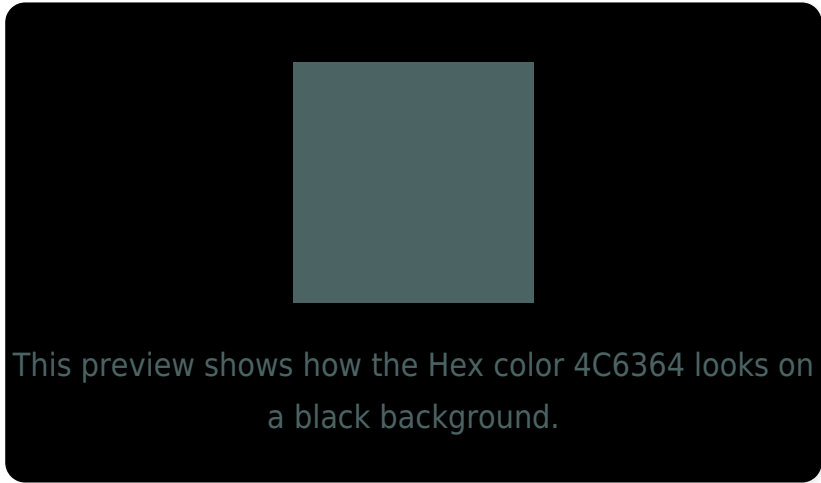
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

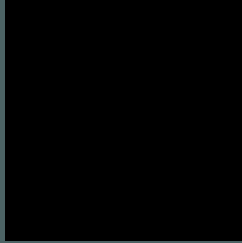
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6364 Background



This preview shows how black text looks on a background with the Hex color 4C6364.



This preview shows how white text looks on a background with the Hex color 4C6364.

# 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**  
4C6364

**Protanopia**  
5F5E61

**Deuteranopia**  
655C65



**Tritanopia**  
4D626A

# Trichromacy



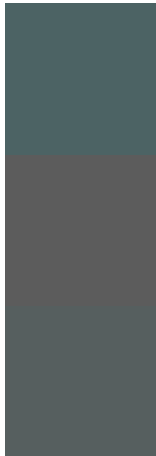
**Original Color**  
4C6364

**Protanomaly**  
586062

**Deuteranomaly**  
5C5F65

**Tritanomaly**  
4D6268

# Monochromacy



**Original Color**  
4C6364

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
565F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6364 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 #4C6364 looks like.

```
.text, #text, p{  
    color:#4C6364  
}
```

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 #4C6364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6364
}
```

## Border

The CSS property to change the border of an element to Hex 4C6364 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
#4C6364 }
```

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

```
.border{ border-color:#4C6364 }
```

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

Here you see how a box with a 4 pixel #4C6364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6364; -webkit-box-shadow:4px 4px  
4px 4px #4C6364; box-shadow:4px 4px 4px  
4px #4C6364 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6364 }
```

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

```
.background{ background-color:#4C6364 }
```

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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