

# Converting Colors

Hex(3C6666)

Have a look what the booklet for  
Hex(3C6666) contains.

<b>Hex(3C6666)</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(3C6666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C6666
RGB	60, 102, 102
RGB Percent	24%, 40%, 40%
CMY	0.7647, 0.6000, 0.6000
CMYK	0.41, 0.00, 0.00, 0.60
HSL	180°, 26%, 32%
HSV	180°, 41%, 40%
XYZ	9.0131, 11.4227, 14.3001
YIQ	89.4420, -25.0320, -8.9040

# Conversions

## Conversions Part 2

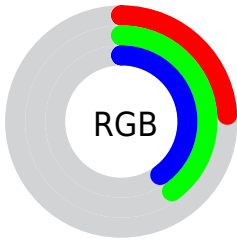
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 81, 102
Decimal	3958374
CIELab	40.28, -14.59, -4.62
CIELCh	40, 15.308, 197.570
Yxy	11.4227, 0.2595, 0.3288
Android (android.graphics.Color)	4282148454 (0xFF3C6666)
YUV	89.4420, 6.1911, -25.8206
Hunter-Lab	33.7975, -11.5432, -1.4281

# Details

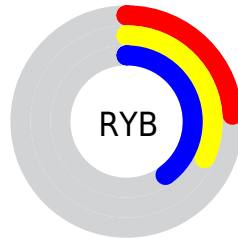
The Hex color **3C6666** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **663C3C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6E9999**, and **093737** is the 20% darker color. If you saturate the color by 10%, you get **326666**, and if you desaturate by 10%, it is **466666**.

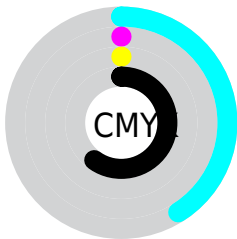
# Distribution



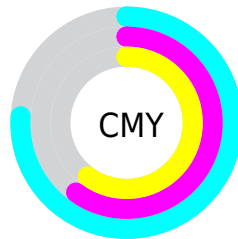
- Red (24%)
- Green (40%)
- Blue (40%)



- Red (24%)
- Yellow (32%)
- Blue (40%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6666 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 3C6666 by changing the saturation by 10% instead.





3C6666



3C6666

FFFFFF



244E4E



6E9999



093737



88B4B4



002122



A3D0CF



00020C



BEECEB



000000



DBFFFF



F7FFFF



3C6666



3C6666



326666



466666

■ 286666

■ 506666

■ 1D6666

■ 5B6666

■ 136666

■ 656666

■ 096666

■ 6F6666

■ 006666

■ 796666

■ 836666

■ 8E6666

■ 986666

# Harmonies

## Analogous

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



456659



3C6666



3D6571

# Triad

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



3C6666



6A5970



6D5C47

# Complementary

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



3C6666



663C3C

# 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.



76584D



3C6666



755665

# Square

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



3C6666



5A5E77



795658



616047

# Rectangle

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



3C6666



446376



795658



715B48



# Sweetspot

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



3C6666



758585



3C663C



394242



C2C2C2



424242



# Same Dimension

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



3C6666



448585



3C5166



2E3333



007373



00F2F2



# Inverse Universe

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



663C66



854485



66513C



332E33



730073



F200F2



# Previews

## White Background



This preview shows how the Hex color 3C6666 looks on a white background.

## Color Contrast Check

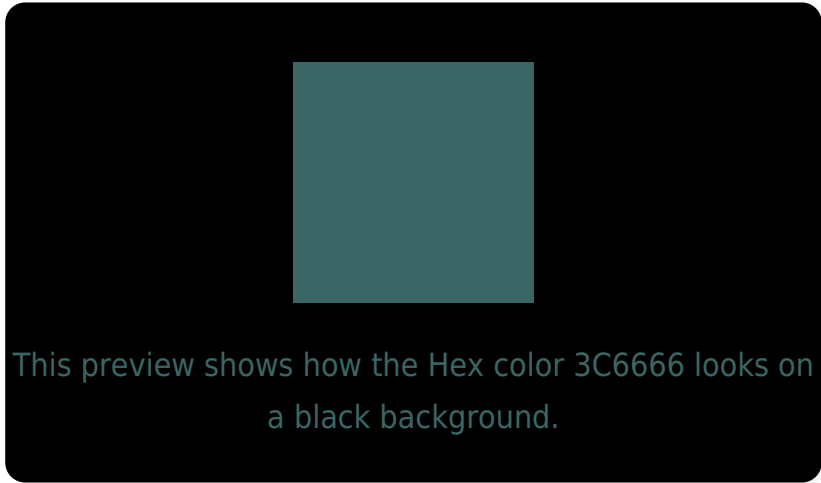
Large Text (above 18pt) WCAG AA ✓ Pass

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

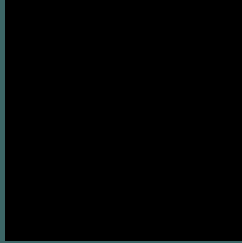
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C6666 Background



This preview shows how black text looks on a background with the Hex color 3C6666.

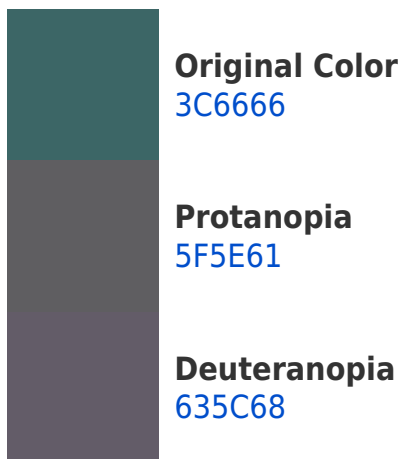



This preview shows how white text looks on a background with the Hex color 3C6666.

# 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](#).

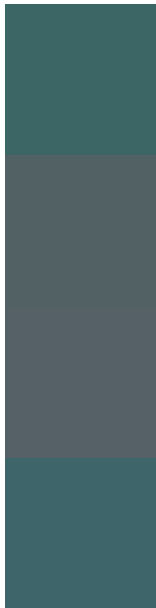
## Dichromacy





**Tritanopia**  
3E656D

# Trichromacy



**Original Color**  
3C6666

**Protanomaly**  
526163

**Deuteranomaly**  
556067

**Tritanomaly**  
3D656A

# Monochromacy



**Original Color**  
3C6666

**Achromatopsia**  
595959

**Achromatomaly**  
4E5E5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6666 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 #3C6666 looks like.

```
.text, #text, p{  
    color:#3C6666  
}
```

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 #3C6666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6666
}
```

## Border

The CSS property to change the border of an element to Hex 3C6666 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
#3C6666 }
```

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

```
.border{ border-color:#3C6666 }
```

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

Here you see how a box with a 4 pixel #3C6666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6666; -webkit-box-shadow:4px 4px  
4px 4px #3C6666; box-shadow:4px 4px 4px  
4px #3C6666 }
```

# Background

The CSS property to change the background color of an element to Hex 3C6666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6666 }
```

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

```
.background{ background-color:#3C6666 }
```

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