

# Converting Colors

Hex(3F6583)

Have a look what the booklet for  
Hex(3F6583) contains.

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# Color

**Hex(3F6583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6583
RGB	63, 101, 131
RGB Percent	25%, 40%, 51%
CMY	0.7529, 0.6039, 0.4863
CMYK	0.52, 0.23, 0.00, 0.49
HSL	206°, 35%, 38%
HSV	206°, 52%, 51%
XYZ	10.8003, 12.0028, 23.2203
YIQ	93.0580, -32.2780, 1.2740

# Conversions

## Conversions Part 2

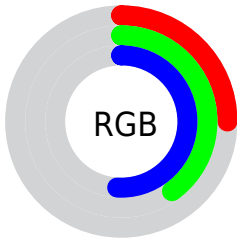
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 87, 131
Decimal	4154755
CIE Lab	41.22, -4.46, -20.83
CIE LCh	41, 21.306, 257.912
Yxy	12.0028, 0.2347, 0.2608
Android (android.graphics.Color)	4282344835 (0xFF3F6583)
YUV	93.0580, 18.7054, -26.3609
Hunter-Lab	34.6451, -4.9830, -15.4865

# Details

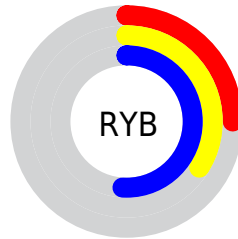
The Hex color **3F6583** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **835D3F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7398B8**, and **033651** is the 20% darker color. If you saturate the color by 10%, you get **325F83**, and if you desaturate by 10%, it is **4C6B83**.

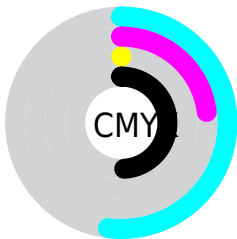
# Distribution



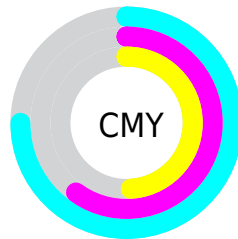
- Red (25%)
- Green (40%)
- Blue (51%)



- Red (25%)
- Yellow (34%)
- Blue (51%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (60%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6583 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 3F6583 by changing the saturation by 10% instead.



■ 3F6583

■ 3F6583

FFFFFF

■ 254D6A

■ 7398B8

■ 033651

■ 8EB3D4

■ 00213A

■ A9CEF0

■ 000A25

■ C5EAFF

■ 00010E

■ E1FFFF

■ 000000

■ 3F6583

■ 3F6583

■ 325F83

■ 4C6B83

■ 255983

■ 597183

■ 185483

■ 667683

■ 0B4E83

■ 737C83

■ 004983

■ 818283

■ 8E8883

■ 9B8D83

■ A89383

■ B59983

# Harmonies

## Analogous

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



2A697B



3F6583



5A5F82

# Triad

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



3F6583



845457



4F6849

# Complementary

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



3F6583



835D3F

# 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.



636340



3F6583



805848

# Square

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



3F6583



7F5569



745E3F



3A6A59

# Rectangle

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



3F6583



6A5B7D



745E3F



566745



# Sweetspot

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



3F6583



909FAB



3F835C



464F57



D6D6D6



575757



# Same Dimension

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



3F6583



417CAB



3F4483



3C3F42



004982



000103



# Inverse Universe

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



833F65



AB417C



837E3F



423C3F



820049



030001



# Previews

## White Background



This preview shows how the Hex color 3F6583 looks on a white background.

## Color Contrast Check

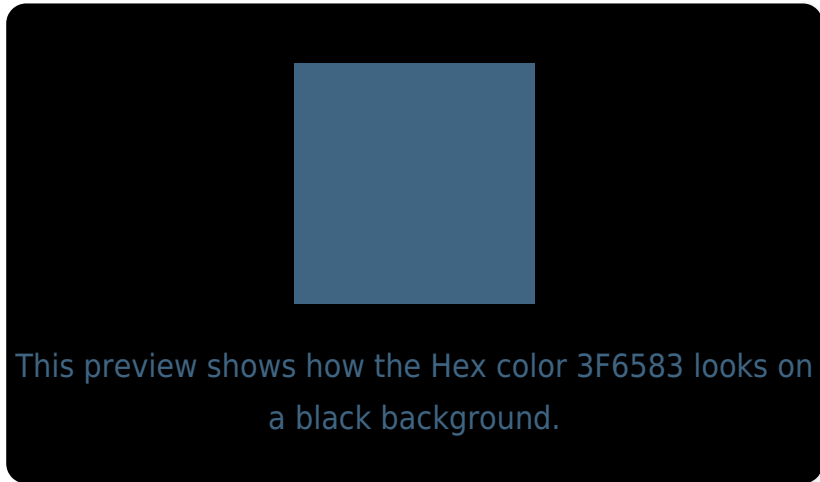
Large Text (above 18pt) WCAG AA ✓ Pass

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

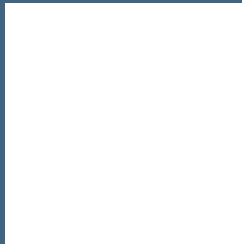
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F6583 Background



This preview shows how black text looks on a background with the Hex color 3F6583.

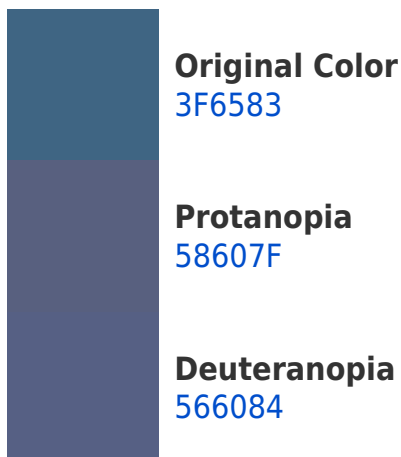



This preview shows how white text looks on a background with the Hex color 3F6583.

# 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**  
396871

# Trichromacy



**Original Color**  
3F6583

**Protanomaly**  
4F6280

**Deuteranomaly**  
4E6284

**Tritanomaly**  
3B6778

# Monochromacy



**Original Color**  
3F6583

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
52606B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6583 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 #3F6583 looks like.

```
.text, #text, p{  
    color:#3F6583  
}
```

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 #3F6583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6583
}
```

## Border

The CSS property to change the border of an element to Hex 3F6583 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
#3F6583 }
```

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

```
.border{ border-color:#3F6583 }
```

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

Here you see how a box with a 4 pixel #3F6583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6583; -webkit-box-shadow:4px 4px  
4px 4px #3F6583; box-shadow:4px 4px 4px  
4px #3F6583 }
```

# Background

The CSS property to change the background color of an element to Hex 3F6583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6583 }
```

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

```
.background{ background-color:#3F6583 }
```

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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