

Converting Colors

Hex(3F6883)

Have a look what the booklet for
Hex(3F6883) contains.

Hex(3F6883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F6883)

Conversions

Conversions Part 1

Format	Color
Hex	3F6883
RGB	63, 104, 131
RGB Percent	25%, 41%, 51%
CMY	0.7529, 0.5922, 0.4863
CMYK	0.52, 0.21, 0.00, 0.49
HSL	204°, 35%, 38%
HSV	204°, 52%, 51%
XYZ	11.0969, 12.5961, 23.3191
YIQ	94.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

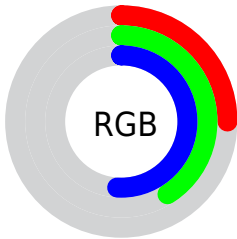
Format	Color
R_{YB}	63, 89, 131
Decimal	4155523
CIE _{Lab}	42.15, -6.26, -19.40
CIE _{LCh}	42, 20.390, 252.111
Yxy	12.5961, 0.2360, 0.2679
Android (android.graphics.Color)	4282345603 (0xFF3F6883)
YUV	94.8190, 17.8372, -27.9053
Hunter-Lab	35.4910, -6.2976, -14.1125

Details

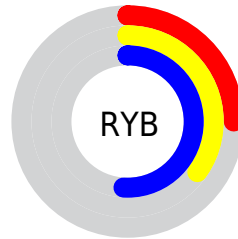
The Hex color **3F6883** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **835A3F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **739BB8**, and **033951** is the 20% darker color. If you saturate the color by 10%, you get **326383**, and if you desaturate by 10%, it is **4C6D83**.

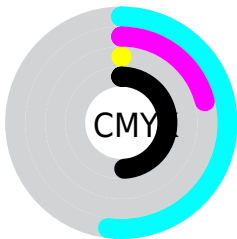
Distribution



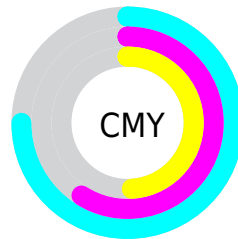
- Red (25%)
- Green (41%)
- Blue (51%)



- Red (25%)
- Yellow (35%)
- Blue (51%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6883 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 3F6883 by changing the saturation by 10% instead.

■ 3F6883

■ 3F6883

FFFFFF

■ 25506A

■ 739BB8

■ 033951

■ 8EB6D4

■ 00243A

■ A9D1F0

■ 000E25

■ C5EEFF

■ 00010E

■ E2FFFF

■ 000000

■ 3F6883

■ 3F6883

■ 326383

■ 4C6D83

■ 255E83

■ 597283

■ 185883

■ 667883

■ 0B5383

■ 737D83

■ 004F83

■ 818283

■ 8E8783

■ 9B8C83

■ A89283

■ B59783

Harmonies

Analogous

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



2F6B79



3F6883



586384

Triad

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



3F6883



85575D



56694A

Complementary

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



3F6883



835A3F

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.



686542



3F6883



825A4E

Square

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



3F6883



7E586E



785F44



426C59

Rectangle

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



3F6883



675F80



785F44



5C6847

Sweetspot

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



3F6883



90A0AB



3F8359



465057



D6D6D6



575757

Same Dimension

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



3F6883



4181AB



3F4783



3C4042



004E82



000203

Inverse Universe

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



833F68



AB4181



837B3F



423C40



82004E



030002

Previews

White Background



This preview shows how the Hex color 3F6883 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

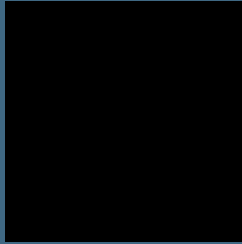
Any Text WCAG AA × Fail

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 3F6883 Background



This preview shows how black text looks on a background with the Hex color 3F6883.

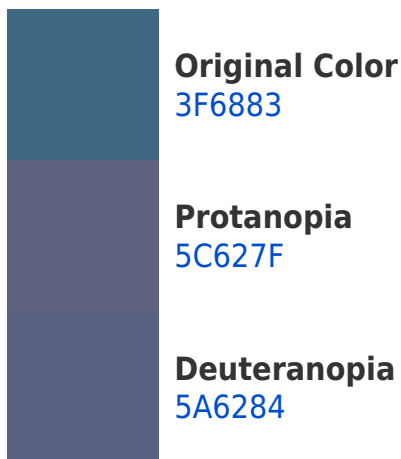



This preview shows how white text looks on a background with the Hex color 3F6883.

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](#).

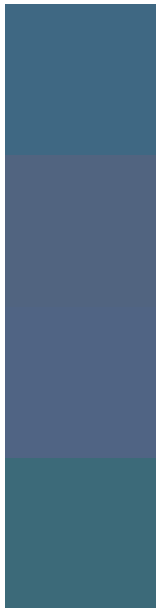
Dichromacy





Tritanopia
3A6B73

Trichromacy



Original Color
3F6883

Protanomaly
516480

Deuteranomaly
506484

Tritanomaly
3C6A79

Monochromacy



Original Color
3F6883

Achromatopsia
5F5F5F

Achromatomaly
53626C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6883 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 #3F6883 looks like.

```
.text, #text, p{  
    color:#3F6883  
}
```

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 #3F6883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6883
}
```

Border

The CSS property to change the border of an element to Hex 3F6883 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
#3F6883 }
```

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

```
.border{ border-color:#3F6883 }
```

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

Here you see how a box with a 4 pixel #3F6883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6883; -webkit-box-shadow:4px 4px  
4px 4px #3F6883; box-shadow:4px 4px 4px  
4px #3F6883 }
```

Background

The CSS property to change the background color of an element to Hex 3F6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6883 }
```

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

```
.background{ background-color:#3F6883 }
```

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