

Converting Colors

Hex(3F6689)

Have a look what the booklet for
Hex(3F6689) contains.

Hex(3F6689)	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(3F6689)

Conversions

Conversions Part 1

Format	Color
Hex	3F6689
RGB	63, 102, 137
RGB Percent	25%, 40%, 54%
CMY	0.7529, 0.6000, 0.4627
CMYK	0.54, 0.26, 0.00, 0.46
HSL	208°, 37%, 39%
HSV	208°, 54%, 54%
XYZ	11.3166, 12.3656, 25.4573
YIQ	94.3290, -34.4790, 2.6170

Conversions

Conversions Part 2

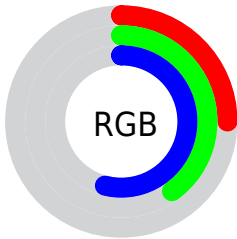
Format	Color
R _Y B	63, 89, 137
Decimal	4155017
CIE Lab	41.79, -3.12, -23.57
CIE LCh	42, 23.776, 262.452
Yxy	12.3656, 0.2303, 0.2516
Android (android.graphics.Color)	4282345097 (0xFF3F6689)
YUV	94.3290, 21.0368, -27.4755
Hunter-Lab	35.1648, -4.0942, -18.3071

Details

The Hex color **3F6689** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **89623F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7499BF**, and **003757** is the 20% darker color. If you saturate the color by 10%, you get **316089**, and if you desaturate by 10%, it is **4D6C89**.

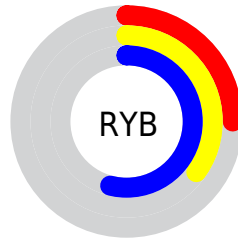
Distribution



Red (25%)

Green (40%)

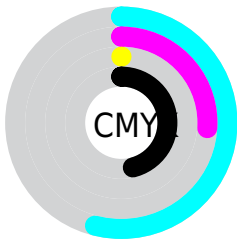
Blue (54%)



Red (25%)

Yellow (35%)

Blue (54%)

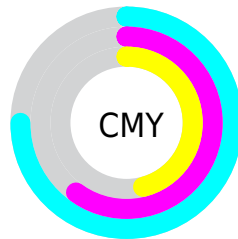


Cyan (54%)

Magenta (26%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (60%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6689 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 3F6689 by changing the saturation by 10% instead.

■ 3F6689

■ 3F6689

FFFFFF

■ 244E6F

■ 7499BF

■ 003757

■ 8FB4DA

■ 00223F

■ AACFF7

■ 000C29

■ C6EBFF

■ 000114

■ E3FFFF

■ 000000

■ 3F6689

■ 3F6689

■ 316089

■ 4D6C89

■ 245989

■ 5A7389

■ 165389

■ 687989

■ 084C89

■ 768089

■ 004889

■ 848689

■ 918D89

■ 9F9389

■ AD9A89

■ BAA089

Harmonies

Analogous

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



216B81



3F6689



5E5F87

Triad

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



3F6689



895455



4A6A4A

Complementary

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



3F6689



89623F

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.



61663E



3F6689



835944

Square

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



3F6689



855468



74603C



326D5D

Rectangle

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



3F6689



6F5B80



74603C



526945

Sweetspot

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



3F6689



96A5B3



3F8962



485159



D9D9D9



595959

Same Dimension

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



3F6689



3E7CB3



3F4189



3E4245



004685



000305

Inverse Universe

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



893F66



B33E7C



89873F



453E42



850046



050003

Previews

White Background



This preview shows how the Hex color 3F6689 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

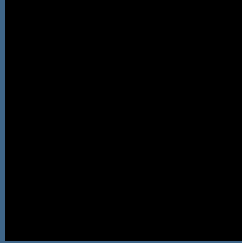
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

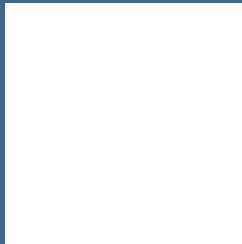
Any Text WCAG AAA × Fail

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

Hex 3F6689 Background



This preview shows how black text looks on a background with the Hex color 3F6689.

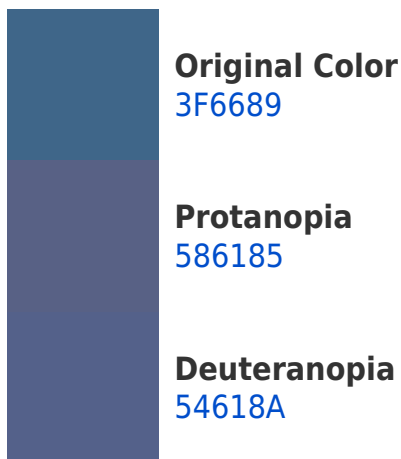



This preview shows how white text looks on a background with the Hex color 3F6689.

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](#).

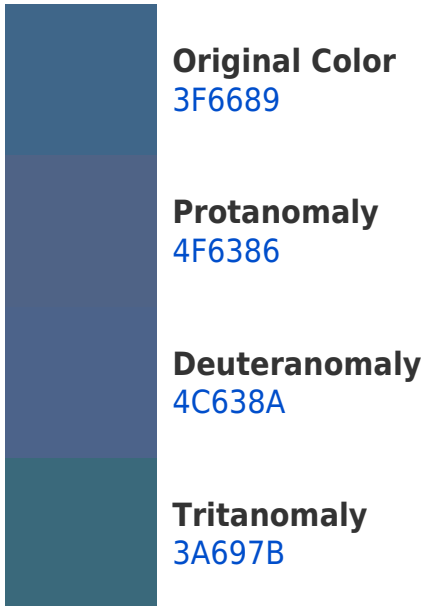
Dichromacy





Tritanopia
376A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6689 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 #3F6689 looks like.

```
.text, #text, p{  
    color:#3F6689  
}
```

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 #3F6689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6689
}
```

Border

The CSS property to change the border of an element to Hex 3F6689 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
#3F6689 }
```

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

```
.border{ border-color:#3F6689 }
```

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

Here you see how a box with a 4 pixel #3F6689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6689; -webkit-box-shadow:4px 4px  
4px 4px #3F6689; box-shadow:4px 4px 4px  
4px #3F6689 }
```

Background

The CSS property to change the background color of an element to Hex 3F6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6689 }
```

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

```
.background{ background-color:#3F6689 }
```

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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