

Converting Colors

Hex(3F618B)

Have a look what the booklet for
Hex(3F618B) contains.

Hex(3F618B)	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(3F618B)

Conversions

Conversions Part 1

Format	Color
Hex	3F618B
RGB	63, 97, 139
RGB Percent	25%, 38%, 55%
CMY	0.7529, 0.6196, 0.4549
CMYK	0.55, 0.30, 0.00, 0.45
HSL	213°, 38%, 40%
HSV	213°, 55%, 55%
XYZ	10.9848, 11.4702, 26.0611
YIQ	91.6220, -33.7460, 5.8540

Conversions

Conversions Part 2

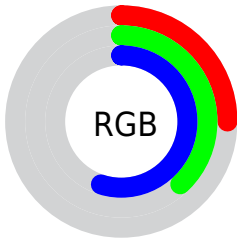
Format	Color
R_{YB}	63, 86, 139
Decimal	4153739
CIE _{Lab}	40.36, 0.61, -27.00
CIE _{LCh}	40, 27.009, 271.300
Yxy	11.4702, 0.2264, 0.2364
Android (android.graphics.Color)	4282343819 (0xFF3F618B)
YUV	91.6220, 23.3574, -25.1015
Hunter-Lab	33.8677, -1.3731, -21.9161

Details

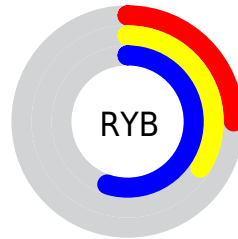
The Hex color **3F618B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B693F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7493C1**, and **003359** is the 20% darker color. If you saturate the color by 10%, you get **31598B**, and if you desaturate by 10%, it is **4D698B**.

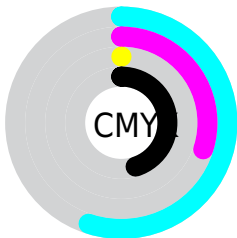
Distribution



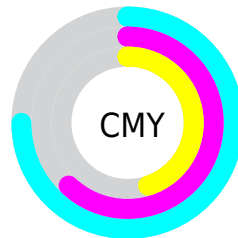
- Red (25%)
- Green (38%)
- Blue (55%)



- Red (25%)
- Yellow (34%)
- Blue (55%)



- Cyan (55%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F618B 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 3F618B by changing the saturation by 10% instead.

■ 3F618B

■ 3F618B

FFFFFF

■ 244971

■ 7493C1

■ 003359

■ 8FAEDD

■ 001E41

■ AAC9F9

■ 00042B

■ C6E5FF

■ 000115

■ E3FFFF

■ 000000

■ 3F618B

■ 3F618B

■ 31598B

■ 4D698B

■ 23528B

■ 5B708B

■ 154A8B

■ 69788B

■ 07428B

■ 77808B

■ 003E8B

■ 85878B

■ 928F8B

■ A0978B

■ AE9E8B

■ BCA68B

Harmonies

Analogous

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



0C6785



3F618B



635985

Triad

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



3F618B



895049



3A6949

Complementary

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



3F618B



8B693F

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.



556538



3F618B



7E5639

Square

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



3F618B



884E5F



6C5E32



176B5F

Rectangle

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



3F618B



75547B



6C5E32



446843

Sweetspot

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



3F618B



98A5B5



3F8B69



4A525C



DBDBDB



5C5C5C

Same Dimension

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



3F618B



3E73B5



433F8B



3E4145



003B85



000205

Inverse Universe

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



8B3F61



B53E73



878B3F



453E41



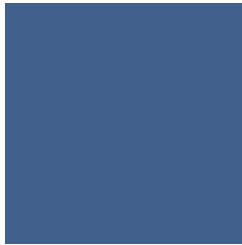
85003B



050002

Previews

White Background



This preview shows how the Hex color 3F618B looks on a white background.

Color Contrast Check

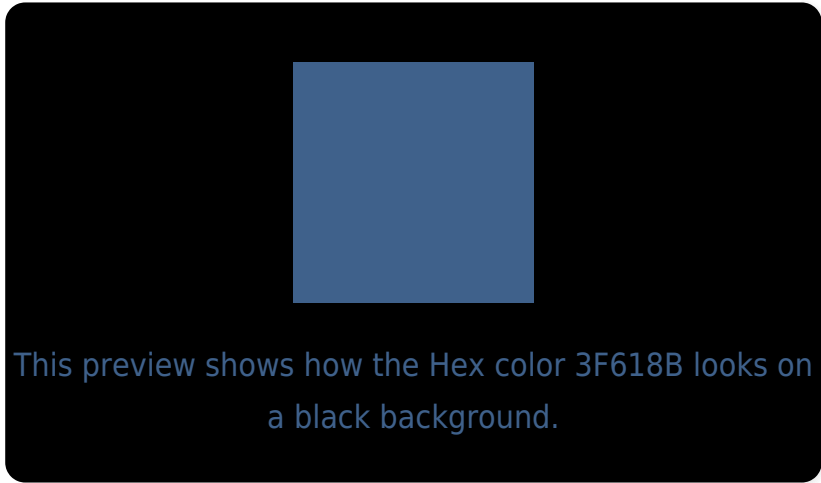
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F618B Background



This preview shows how black text looks on a background with the Hex color 3F618B.




This preview shows how white text looks on a background with the Hex color 3F618B.

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](#).

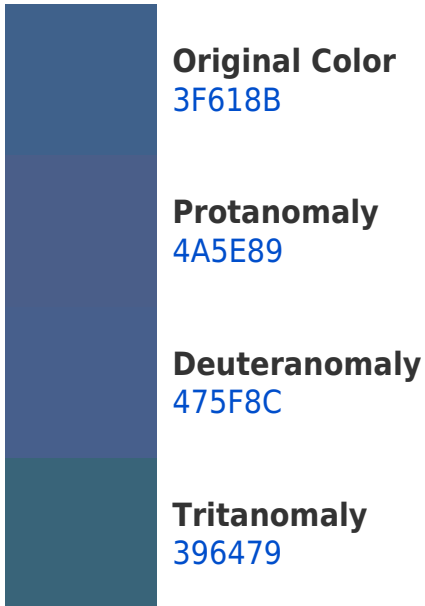
Dichromacy



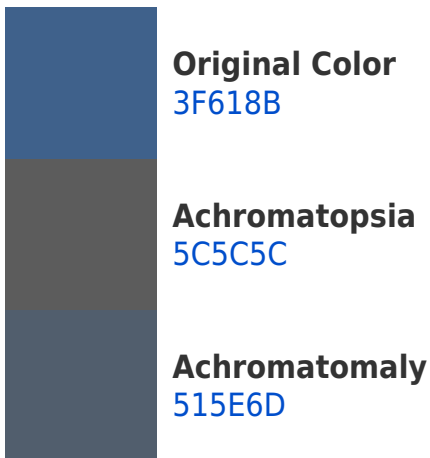


Tritanopia
35666F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F618B 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 #3F618B looks like.

```
.text, #text, p{  
    color:#3F618B  
}
```

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 #3F618B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F618B
}
```

Border

The CSS property to change the border of an element to Hex 3F618B 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
#3F618B }
```

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

```
.border{ border-color:#3F618B }
```

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

Here you see how a box with a 4 pixel #3F618B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F618B; -webkit-box-shadow:4px 4px  
4px 4px #3F618B; box-shadow:4px 4px 4px  
4px #3F618B }
```

Background

The CSS property to change the background color of an element to Hex 3F618B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F618B }
```

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

```
.background{ background-color:#3F618B }
```

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