

Converting Colors

Hex(3F558B)

Have a look what the booklet for
Hex(3F558B) contains.

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Color

Hex(3F558B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3F558B |
| RGB | 63, 85, 139 |
| RGB Percent | 25%, 33%, 55% |
| CMY | 0.7529, 0.6667, 0.4549 |
| CMYK | 0.55, 0.39, 0.00, 0.45 |
| HSL | 223°, 38%, 40% |
| HSV | 223°, 55%, 55% |
| XYZ | 9.9586, 9.4178, 25.7190 |
| YIQ | 84.5780, -30.4460, 12.1300 |

Conversions

Conversions Part 2

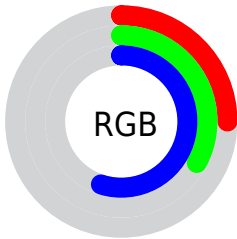
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 63, 80, 139 |
| Decimal | 4150667 |
| CIE _{Lab} | 36.78, 8.23, -32.64 |
| CIE _{LCh} | 37, 33.659, 284.155 |
| Yxy | 9.4178, 0.2208, 0.2088 |
| Android (android.graphics.Color) | 4282340747 (0xFF3F558B) |
| YUV | 84.5780, 26.8300, -18.9239 |
| Hunter-Lab | 30.6885, 4.2194, -28.2071 |

Details

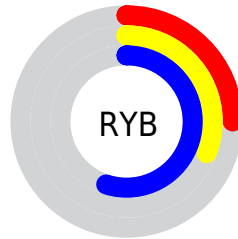
The Hex color **3F558B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B753F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7486C1**, and **002959** is the 20% darker color. If you saturate the color by 10%, you get **314B8B**, and if you desaturate by 10%, it is **4D5F8B**.

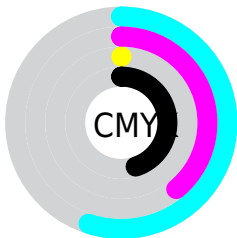
Distribution



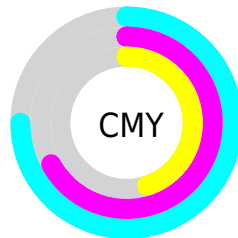
- Red (25%)
- Green (33%)
- Blue (55%)



- Red (25%)
- Yellow (31%)
- Blue (55%)



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F558B 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 3F558B by changing the saturation by 10% instead.

■ 3F558B

■ 3F558B

FFFFFF

■ 243E71

■ 7486C1

■ 002959

■ 8FA0DD

■ 001541

■ AABBFA

■ 00032A

■ C6D7FF

■ 000115

■ E3F3FF

■ 000000

■ 3F558B

■ 3F558B

■ 314B8B

■ 4D5F8B

■ 23418B

■ 5B698B

■ 15378B

■ 69738B

■ 072D8B

■ 777D8B

■ 00288B

■ 85868B

■ 92908B

■ A09A8B

■ AEA48B

■ BCAE8B

Harmonies

Analogous

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



005D8A



3F558B



694A7E

Triad

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



3F558B



834632



046347

Complementary

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



3F558B



8B753F

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.



3B602E



3F558B



725021

Square

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



3F558B



893F4B



5A591F



006463

Rectangle

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



3F558B



7B446F



5A591F



1F623E

Sweetspot

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



3F558B



98A0B5



3F8B74



4A4F5C



DBDBDB



5C5C5C

Same Dimension

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



3F558B



3E60B5



4E3F8B



3E4045



002685



000105

Inverse Universe

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



8B3F55



B53E60



7C8B3F



453E40



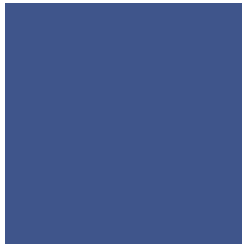
850026



050001

Previews

White Background



This preview shows how the Hex color 3F558B looks on a white background.

Color Contrast Check

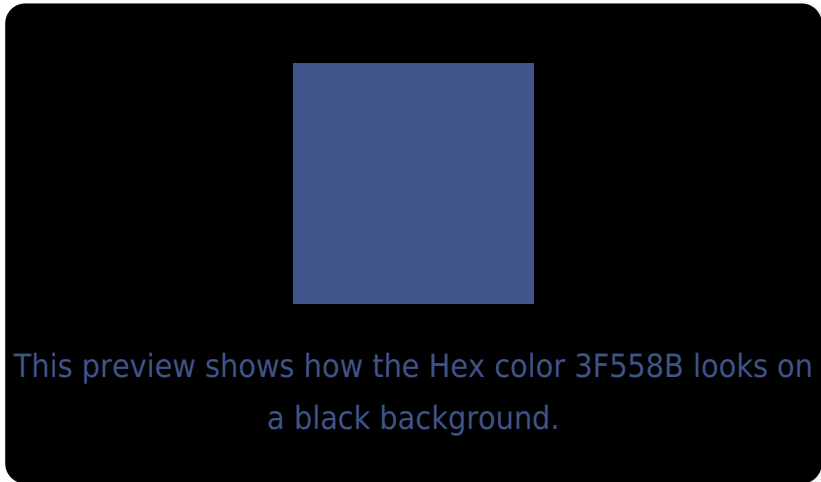
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 3F558B Background



This preview shows how black text looks on a background with the Hex color 3F558B.



This preview shows how white text looks on a background with the Hex color 3F558B.

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



Original Color
3F558B

Protanopia
41558B

Deuteranopia
38578B



Tritanopia
315D65

Trichromacy



Original Color
3F558B

Protanomaly
40558B

Deuteranomaly
3B568B

Tritanomaly
365A73

Monochromacy



Original Color
3F558B

Achromatopsia
555555

Achromatomaly
4D5569

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F558B 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 #3F558B looks like.

```
.text, #text, p{  
    color:#3F558B  
}
```

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 #3F558B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F558B
}
```

Border

The CSS property to change the border of an element to Hex 3F558B 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
#3F558B }
```

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

```
.border{ border-color:#3F558B }
```

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

Here you see how a box with a 4 pixel #3F558B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F558B; -webkit-box-shadow:4px 4px  
4px 4px #3F558B; box-shadow:4px 4px 4px  
4px #3F558B }
```

Background

The CSS property to change the background color of an element to Hex 3F558B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F558B }
```

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

```
.background{ background-color:#3F558B }
```

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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