

Converting Colors

Hex(3F508B)

Have a look what the booklet for
Hex(3F508B) contains.

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Color

Hex(3F508B)

Conversions

Conversions Part 1

Format	Color
Hex	3F508B
RGB	63, 80, 139
RGB Percent	25%, 31%, 55%
CMY	0.7529, 0.6863, 0.4549
CMYK	0.55, 0.42, 0.00, 0.45
HSL	227°, 38%, 40%
HSV	227°, 55%, 55%
XYZ	9.5788, 8.6582, 25.5924
YIQ	81.6430, -29.0710, 14.7450

Conversions

Conversions Part 2

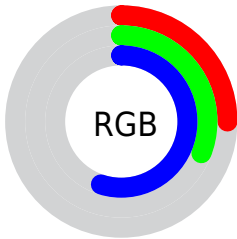
Format	Color
RYB	63, 77, 139
Decimal	4149387
CIELab	35.32, 11.48, -34.95
CIELCh	35, 36.788, 288.190
Yxy	8.6582, 0.2185, 0.1975
Android (android.graphics.Color)	4282339467 (0xFF3F508B)
YUV	81.6430, 28.2770, -16.3499
Hunter-Lab	29.4248, 6.6145, -30.9707

Details

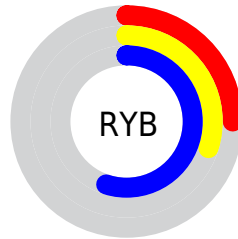
The Hex color **3F508B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B7A3F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7481C1**, and **002458** is the 20% darker color. If you saturate the color by 10%, you get **31458B**, and if you desaturate by 10%, it is **4D5B8B**.

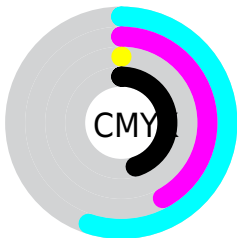
Distribution



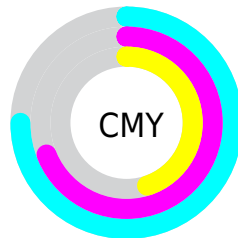
- Red (25%)
- Green (31%)
- Blue (55%)



- Red (25%)
- Yellow (30%)
- Blue (55%)



- Cyan (55%)
- Magenta (42%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F508B 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 3F508B by changing the saturation by 10% instead.

■ 3F508B

■ 3F508B

FFFFFF

■ 233971

■ 7481C1

■ 002458

■ 8F9BDD

■ 001041

■ ABB6FA

■ 00032A

■ C7D1FF

■ 000114

■ E3EDFF

■ 000000

■ 3F508B

■ 3F508B

■ 31458B

■ 4D5B8B

■ 233A8B

■ 5B668B

■ 15308B

■ 69708B

■ 07258B

■ 777B8B

■ 001F8B

■ 85868B

■ 92918B

■ A09C8B

■ AEA68B

■ BCB18B

Harmonies

Analogous

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



005A8C



3F508B



6B447B

Triad

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



3F508B



804228



006146

Complementary

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



3F508B



8B7A3F

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.



2F5D2A



3F508B



6D4D16

Square

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



3F508B



893942



525717



006164

Rectangle

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



3F508B



7D3C6A



525717



00603C

Sweetspot

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



3F508B



989FB5



3F8B79



4A4E5C



DBDBDB



5C5C5C

Same Dimension

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



3F508B



3E58B5



533F8B



3E4045



001E85



000105

Inverse Universe

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



8B3F50



B53E58



778B3F



453E40



85001E



050001

Previews

White Background



This preview shows how the Hex color 3F508B looks on a white background.

Color Contrast Check

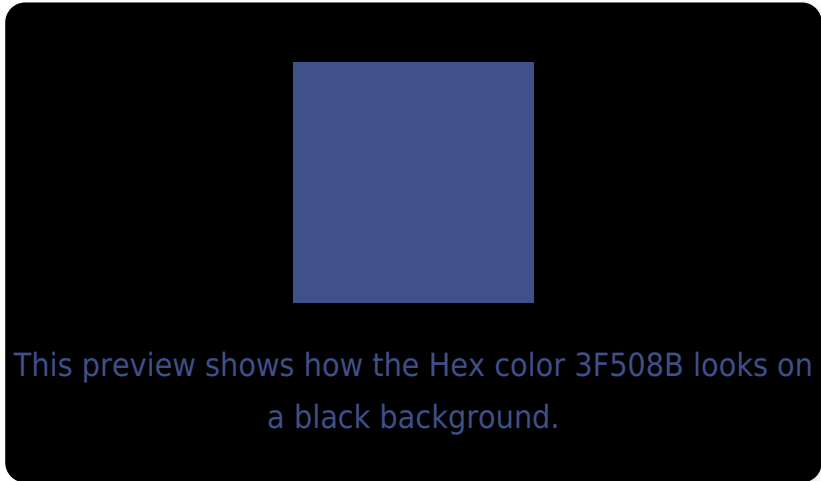
Large Text (above 18pt) WCAG AA ✓ Pass

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

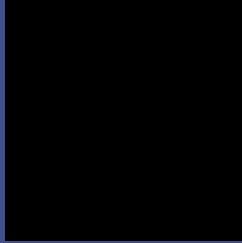
Any Text WCAG AA × Fail

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 3F508B Background



This preview shows how black text looks on a background with the Hex color 3F508B.



This preview shows how white text looks on a background with the Hex color 3F508B.

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

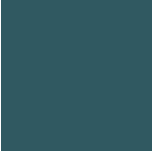
3F508B

Protanopia

3A518C

Deuteranopia

2E538A



Tritanopia
305961

Trichromacy



Original Color
3F508B

Protanomaly
3C518C

Deuteranomaly
34528A

Tritanomaly
355670

Monochromacy



Original Color
3F508B

Achromatopsia
525252

Achromatomaly
4B5167

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F508B 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 #3F508B looks like.

```
.text, #text, p{  
    color:#3F508B  
}
```

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 #3F508B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F508B
}
```

Border

The CSS property to change the border of an element to Hex 3F508B 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
#3F508B }
```

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

```
.border{ border-color:#3F508B }
```

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

Here you see how a box with a 4 pixel #3F508B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F508B; -webkit-box-shadow:4px 4px  
4px 4px #3F508B; box-shadow:4px 4px 4px  
4px #3F508B }
```

Background

The CSS property to change the background color of an element to Hex 3F508B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F508B }
```

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

```
.background{ background-color:#3F508B }
```

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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