

Converting Colors

Hex(3F178C)

Have a look what the booklet for
Hex(3F178C) contains.

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Color

Hex(3F178C)

Conversions

Conversions Part 1

Format	Color
Hex	3F178C
RGB	63, 23, 140
RGB Percent	25%, 9%, 55%
CMY	0.7529, 0.9098, 0.4510
CMYK	0.55, 0.84, 0.00, 0.45
HSL	261°, 72%, 32%
HSV	261°, 84%, 55%
XYZ	7.0899, 3.5630, 25.1250
YIQ	48.2980, -13.7170, 44.8670

Conversions

Conversions Part 2

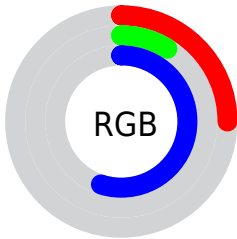
Format	Color
R_{YB}	63, 23, 140
Decimal	4134796
CIE _{Lab}	22.17, 45.95, -56.86
CIE _{LCh}	22, 73.105, 308.941
Yxy	3.5630, 0.1982, 0.0996
Android (android.graphics.Color)	4282324876 (0xFF3F178C)
YUV	48.2980, 45.2091, 12.8937
Hunter-Lab	18.8759, 34.0129, -65.7054

Details

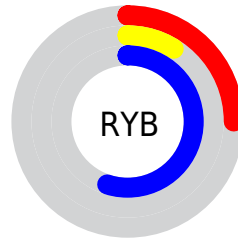
The Hex color **3F178C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **648C17**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7849C3**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **36098C**, and if you desaturate by 10%, it is **48258C**.

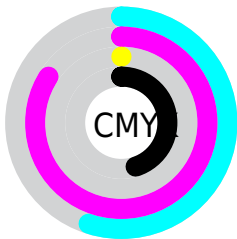
Distribution



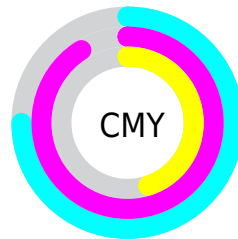
- Red (25%)
- Green (9%)
- Blue (55%)



- Red (25%)
- Yellow (9%)
- Blue (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F178C 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 3F178C by changing the saturation by 10% instead.



3F178C



3F178C

FFFFFF



1F0072



7849C3



000059



9462DF



000040



B07CFC



000329



CD96FF



000113



EBB1FF



000000



FFCDFF



FFEAFF



3F178C



3F178C

■ 36098C

■ 48258C

■ 30008C

■ 51338C

■ 5B418C

■ 644F8C

■ 6D5D8C

■ 766B8C

■ 7F798C

■ 89878C

■ 92958C

Harmonies

Analogous

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



0039A4



3F178C



7C005D

Triad

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



3F178C



602200



004845

Complementary

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



3F178C



648C17

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.



004606



3F178C



343900

Square

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



3F178C



7F0000



004200



00487A

Rectangle

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



3F178C



8A003A



004200



004732

Sweetspot

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



3F178C



9788B5



17658C



4A405C



DBDBDB



5C5C5C

Same Dimension

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



3F178C



3E00B5



79178C



403E45



2D0085



020005

Inverse Universe

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



8C1764



B50077



2A8C17



453E42



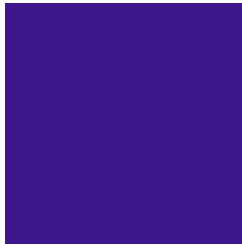
850057



050003

Previews

White Background



This preview shows how the Hex color 3F178C 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

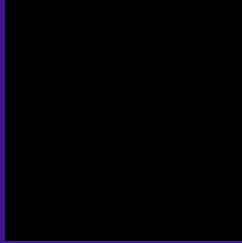
Any Text WCAG AA × Fail

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 3F178C Background



This preview shows how black text looks on a background with the Hex color 3F178C.



This preview shows how white text looks on a background with the Hex color 3F178C.

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
3F178C

Protanopia
00346E

Deuteranopia
00385E



Tritanopia
243A3E

Trichromacy



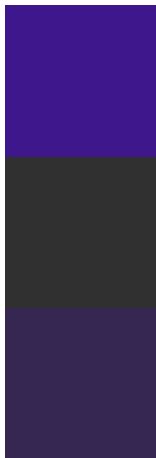
Original Color
3F178C

Protanomaly
172979

Deuteranomaly
172C6F

Tritanomaly
2E2D5A

Monochromacy



Original Color
3F178C

Achromatopsia
303030

Achromatomaly
352751

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F178C 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 #3F178C looks like.

```
.text, #text, p{  
    color:#3F178C  
}
```

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 #3F178C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F178C
}
```

Border

The CSS property to change the border of an element to Hex 3F178C 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
#3F178C }
```

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

```
.border{ border-color:#3F178C }
```

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

Here you see how a box with a 4 pixel #3F178C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F178C; -webkit-box-shadow:4px 4px  
4px 4px #3F178C; box-shadow:4px 4px 4px  
4px #3F178C }
```

Background

The CSS property to change the background color of an element to Hex 3F178C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F178C }
```

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

```
.background{ background-color:#3F178C }
```

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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