

# Converting Colors

Hex(3F28C8)

Have a look what the booklet for  
Hex(3F28C8) contains.

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# Color

Hex(3F28C8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F28C8
RGB	63, 40, 200
RGB Percent	25%, 16%, 78%
CMY	0.7529, 0.8431, 0.2157
CMYK	0.68, 0.80, 0.00, 0.22
HSL	249°, 67%, 47%
HSV	249°, 80%, 78%
XYZ	13.2340, 6.7445, 55.2479
YIQ	65.1170, -37.6520, 54.6360

# Conversions

## Conversions Part 2

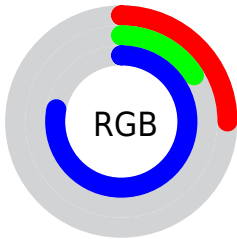
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 40, 200
Decimal	4139208
CIE <sub>Lab</sub>	31.22, 55.63, -78.11
CIE <sub>LCh</sub>	31, 95.893, 305.457
Yxy	6.7445, 0.1759, 0.0897
Android (android.graphics.Color)	4282329288 (0xFF3F28C8)
YUV	65.1170, 66.4973, -1.8566
Hunter-Lab	25.9701, 45.5134, -107.9522

# Details

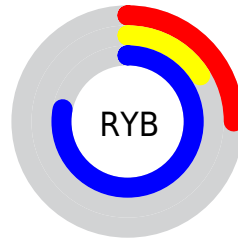
The Hex color **3F28C8** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B1C828**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **815AFF**, and **000090** is the 20% darker color. If you saturate the color by 10%, you get **2E14C8**, and if you desaturate by 10%, it is **503CC8**.

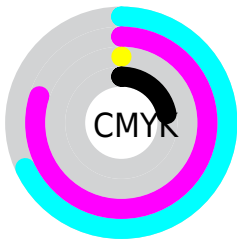
# Distribution



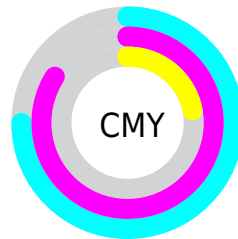
- Red (25%)
- Green (16%)
- Blue (78%)



- Red (25%)
- Yellow (16%)
- Blue (78%)



- Cyan (68%)
- Magenta (80%)
- Yellow (0%)
- Black (22%)



- Cyan (75%)
- Magenta (84%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F28C8 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 3F28C8 by changing the saturation by 10% instead.




 3F28C8

 3F28C8

FFFFFF

 070DAC

 815AFF

 000090

 A074FF

 000076

 BE8EFF

 00005C

 DDAAFF

 000743

 FCC5FF

 00032C

 FFE2FF

 000117

 000000

 3F28C8

 3F28C8

■ 2E14C8

■ 503CC8

■ 1D00C8

■ 6150C8

■ 7264C8

■ 8478C8

■ 958CC8

■ A6A0C8

■ B7B4C8

■ C8C8C8

■ D9DCC8

# Harmonies

## Analogous

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



0053E5



3F28C8



A6008A

# Triad

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



3F28C8



892700



006256

# Complementary

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



3F28C8



B1C828

# 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.



005F00



3F28C8



4F4C00

# Square

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



3F28C8



B20000



005A00



0064A1

# Rectangle

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



3F28C8



BD0059



005A00



00613C



# Sweetspot

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



3F28C8



CBC2FF



28B3C8



605B80



000000



808080



# Same Dimension

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



3F28C8



2D0AFF



8D28C8



5B5A63



1700A3



050024



# Inverse Universe

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



C828B1



FF0ADC



63C828



635A62



A3008C

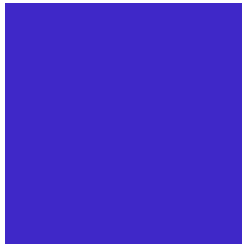


24001F



# Previews

## White Background



This preview shows how the Hex color 3F28C8 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

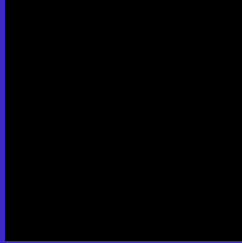
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F28C8 Background



This preview shows how black text looks on a background with the Hex color 3F28C8.



This preview shows how white text looks on a background with the Hex color 3F28C8.

# 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**  
3F28C8

**Protanopia**  
004795

**Deuteranopia**  
004C7F



# Trichromacy



**Original Color**  
3F28C8



**Protanomaly**  
173CA8



**Deuteranomaly**  
173F9A



**Tritanomaly**  
174280

# Monochromacy



**Original Color**  
3F28C8



**Achromatopsia**  
414141



**Achromatomaly**  
403872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F28C8 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 #3F28C8 looks like.

```
.text, #text, p{  
    color:#3F28C8  
}
```

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 #3F28C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F28C8
}
```

## Border

The CSS property to change the border of an element to Hex 3F28C8 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
#3F28C8 }
```

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

```
.border{ border-color:#3F28C8 }
```

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

Here you see how a box with a 4 pixel #3F28C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F28C8; -webkit-box-shadow:4px 4px  
4px 4px #3F28C8; box-shadow:4px 4px 4px  
4px #3F28C8 }
```

# Background

The CSS property to change the background color of an element to Hex 3F28C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F28C8 }
```

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

```
.background{ background-color:#3F28C8 }
```

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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