

Converting Colors

Hex(3F30B5)

Have a look what the booklet for
Hex(3F30B5) contains.

Hex(3F30B5)	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(3F30B5)

Conversions

Conversions Part 1

Format	Color
Hex	3F30B5
RGB	63, 48, 181
RGB Percent	25%, 19%, 71%
CMY	0.7529, 0.8118, 0.2902
CMYK	0.65, 0.73, 0.00, 0.29
HSL	247°, 58%, 45%
HSV	247°, 73%, 71%
XYZ	11.4473, 6.5069, 44.3687
YIQ	67.6470, -33.7530, 44.5430

Conversions

Conversions Part 2

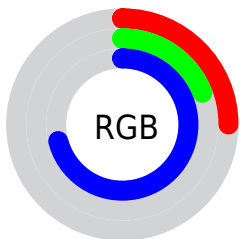
Format	Color
R _{YB}	63, 48, 181
Decimal	4141237
CIE Lab	30.66, 45.81, -67.83
CIE LCh	31, 81.855, 304.035
Yxy	6.5069, 0.1837, 0.1044
Android (android.graphics.Color)	4282331317 (0xFF3F30B5)
YUV	67.6470, 55.8830, -4.0754
Hunter-Lab	25.5086, 35.4646, -85.2709

Details


The Hex color **3F30B5** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **A6B530**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7D60EE**, and **00027F** is the 20% darker color. If you saturate the color by 10%, you get **2F1EB5**, and if you desaturate by 10%, it is **4F42B5**.

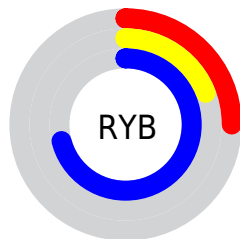
Distribution



 Red (25%)

 Green (19%)

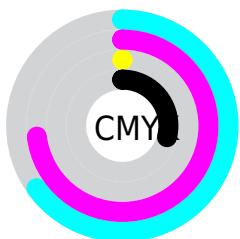
 Blue (71%)





 Red (25%)

 Yellow (19%)

 Blue (71%)

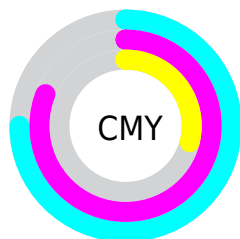


 Cyan (65%)


 Magenta (73%)

 Yellow (0%)

 Black (29%)



 Cyan (75%)

 Magenta (81%)

 Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F30B5 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 3F30B5 by changing the saturation by 10% instead.

■ 3F30B5

■ 3F30B5

FFFFFF

■ 151999

■ 7D60EE

■ 00027F

■ 9B7AFF

■ 000065

■ B894FF

■ 00054C

■ D6AFFF

■ 000434

■ F4CBFF

■ 00021E

■ FFE7FF

■ 000000

■ 3F30B5

■ 3F30B5

■ 2F1EB5

■ 4F42B5

■ 1F0CB5

■ 5F54B5

■ 1400B5

■ 6F66B5

■ 7F78B5

■ 8F8BB5

■ 9F9DB5

■ AFAFB5

■ BFC1B5

■ D0D3B5

Harmonies

Analogous

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



0050CC



3F30B5



960082

Triad

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



3F30B5



832B00



005E50

Complementary

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



3F30B5



A6B530

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.



005C01



3F30B5



524900

Square

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



3F30B5



A50001



005700



006090

Rectangle

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



3F30B5



AB0058



005700



005E39

Sweetspot

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



3F30B5



BDB7EB



30A8B5



5A5775



F5F5F5



757575

Same Dimension

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



3F30B5



331CEB



8030B5



515059



110099



03001A

Inverse Universe

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



B530A6



EB1CD3



65B530



595058



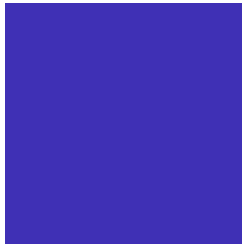
990088



1A0017

Previews

White Background



This preview shows how the Hex color 3F30B5 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

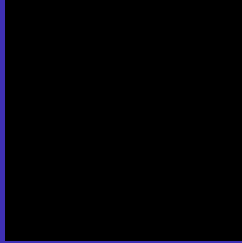
Any Text WCAG AA × Fail

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 3F30B5 Background



This preview shows how black text looks on a background with the Hex color 3F30B5.



This preview shows how white text looks on a background with the Hex color 3F30B5.

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
3F30B5

Protanopia
004693

Deuteranopia
004A7D

Trichromacy



Original Color
3F30B5

Protanomaly
173E9F

Deuteranomaly
174191

Tritanomaly
174479

Monochromacy



Original Color
3F30B5

Achromatopsia
444444

Achromatomaly
423D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F30B5 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 #3F30B5 looks like.

```
.text, #text, p{  
    color:#3F30B5  
}
```

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 #3F30B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F30B5
}
```

Border

The CSS property to change the border of an element to Hex 3F30B5 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
#3F30B5 }
```

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

```
.border{ border-color:#3F30B5 }
```

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

Here you see how a box with a 4 pixel #3F30B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F30B5; -webkit-box-shadow:4px 4px  
4px 4px #3F30B5; box-shadow:4px 4px 4px  
4px #3F30B5 }
```

Background

The CSS property to change the background color of an element to Hex 3F30B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F30B5 }
```

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

```
.background{ background-color:#3F30B5 }
```

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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