

Converting Colors

Hex(3F6DD2)

Have a look what the booklet for
Hex(3F6DD2) contains.

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Color

Hex(3F6DD2)

Conversions

Conversions Part 1

Format	Color
Hex	3F6DD2
RGB	63, 109, 210
RGB Percent	25%, 43%, 82%
CMY	0.7529, 0.5725, 0.1765
CMYK	0.70, 0.48, 0.00, 0.18
HSL	221°, 62%, 54%
HSV	221°, 70%, 82%
XYZ	19.1514, 16.6472, 63.1766
YIQ	106.7600, -59.8370, 21.6590

Conversions

Conversions Part 2

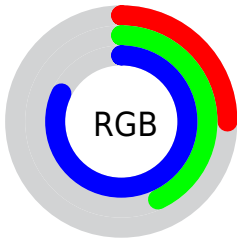
Format	Color
R_{YB}	63, 98, 210
Decimal	4156882
CIE _{Lab}	47.81, 18.07, -56.79
CIE _{LCh}	48, 59.598, 287.654
Yxy	16.6472, 0.1935, 0.1682
Android (android.graphics.Color)	4282346962 (0xFF3F6DD2)
YUV	106.7600, 50.8973, -38.3775
Hunter-Lab	40.8010, 12.3837, -63.2445

Details

The Hex color **3F6DD2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D2A43F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7FA0FF**, and **003E9B** is the 20% darker color. If you saturate the color by 10%, you get **2A5FD2**, and if you desaturate by 10%, it is **547BD2**.

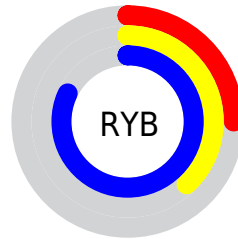
Distribution



Red (25%)

Green (43%)

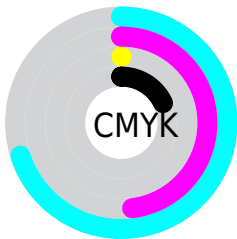
Blue (82%)



Red (25%)

Yellow (38%)

Blue (82%)

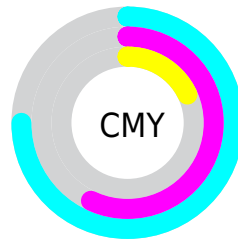


Cyan (70%)

Magenta (48%)

Yellow (0%)

Black (18%)



Cyan (75%)

Magenta (57%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6DD2 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 3F6DD2 by changing the saturation by 10% instead.

■ 3F6DD2

■ 3F6DD2

FFFFFF

■ 0F55B6

■ 7FA0FF

■ 003E9B

■ 9DBBFF

■ 002A80

■ BBD6FF

■ 001766

■ D9F3FF

■ 00034E

■ F7FFFF

■ 000536

■ 000220

■ 000003

■ 000000

■ 3F6DD2

■ 3F6DD2

■ 2A5FD2

■ 547BD2

■ 1550D2

■ 698AD2

■ 0042D2

■ 7E98D2

■ 93A7D2

■ A8B5D2

■ BDC4D2

■ D2D2D2

■ E7E0D2

■ FCFD2

Harmonies

Analogous

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



007DD4



3F6DD2



9856B6

Triad

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



3F6DD2



BB5127



00875A

Complementary

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



3F6DD2



D2A43F

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.



2C8227



3F6DD2



9A6800

Square

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



3F6DD2



CA3E56



6D7800



00888F

Rectangle

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



3F6DD2



B74599



6D7800



008649

Sweetspot

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



3F6DD2



C9DAFF



3FD2A3



606A80



000000



808080

Same Dimension

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



3F6DD2



296CFF



5A3FD2



5E6169



0035A8



000D29

Inverse Universe

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



D23F6D



FF296C



B7D23F



695E61



A80035



29000D

Previews

White Background



This preview shows how the Hex color 3F6DD2 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 × Fail

Black Background



This preview shows how the Hex color 3F6DD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

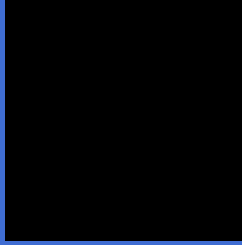
Any Text WCAG AA × Fail

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 3F6DD2 Background



This preview shows how black text looks on a background with the Hex color 3F6DD2.



This preview shows how white text looks on a background with the Hex color 3F6DD2.

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





Tritanopia
007D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6DD2 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 #3F6DD2 looks like.

```
.text, #text, p{  
    color:#3F6DD2  
}
```

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 #3F6DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6DD2
}
```

Border

The CSS property to change the border of an element to Hex 3F6DD2 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
#3F6DD2 }
```

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

```
.border{ border-color:#3F6DD2 }
```

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

Here you see how a box with a 4 pixel #3F6DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6DD2; -webkit-box-shadow:4px 4px  
4px 4px #3F6DD2; box-shadow:4px 4px 4px  
4px #3F6DD2 }
```

Background

The CSS property to change the background color of an element to Hex 3F6DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6DD2 }
```

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

```
.background{ background-color:#3F6DD2 }
```

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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