

# Converting Colors

Hex(3A40D8)

Have a look what the booklet for  
Hex(3A40D8) contains.

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# Color

**Hex(3A40D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A40D8
RGB	58, 64, 216
RGB Percent	23%, 25%, 85%
CMY	0.7725, 0.7490, 0.1529
CMYK	0.73, 0.70, 0.00, 0.15
HSL	238°, 67%, 54%
HSV	238°, 73%, 85%
XYZ	15.9730, 9.5242, 65.9622
YIQ	79.5340, -52.3680, 46.0000

# Conversions

## Conversions Part 2

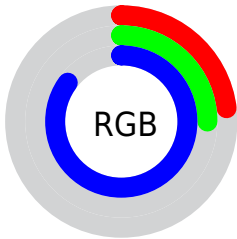
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 64, 216
Decimal	3817688
CIELab	36.97, 47.58, -77.89
CIElCh	37, 91.277, 301.420
Yxy	9.5242, 0.1746, 0.1041
Android (android.graphics.Color)	4282007768 (0xFF3A40D8)
YUV	79.5340, 67.2777, -18.8853
Hunter-Lab	30.8613, 38.3796, -105.1222

# Details

The Hex color **3A40D8** 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 **D8D23A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7F71FF**, and **0013A0** is the 20% darker color. If you saturate the color by 10%, you get **242BD8**, and if you desaturate by 10%, it is **5055D8**.

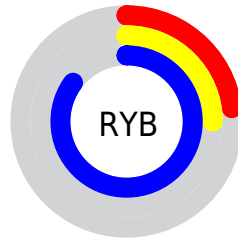
# Distribution



Red (23%)

Green (25%)

Blue (85%)



Red (23%)

Yellow (25%)

Blue (85%)

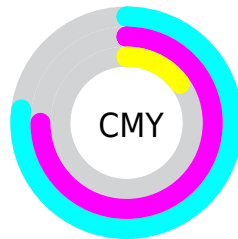


Cyan (73%)

Magenta (70%)

Yellow (0%)

Black (15%)



Cyan (77%)

Magenta (75%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A40D8 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 3A40D8 by changing the saturation by 10% instead.



 3A40D8

 3A40D8

FFFFFF

 0029BC

 7F71FF

 0013A0

 9F8BFF

 000185

 BEA5FF

 00006A

 DCC1FF

 000B51

 FBDDFF

 000539

 FFFAFF

 000223

 000009

 000000

■ 3A40D8

■ 3A40D8

■ 242BD8

■ 5055D8

■ 0F16D8

■ 656AD8

■ 0008D8

■ 7B7ED8

■ 9093D8

■ A6A8D8

■ BCBDD8

■ D1D1D8

■ E7E6D8

■ FCFBD8

# Harmonies

## Analogous

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



0062EF



3A40D8



AC009F

# Triad

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



3A40D8



A03100



007159

# Complementary

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



3A40D8



D8D23A

# 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.



006E00



3A40D8



685600

# Square

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



3A40D8



C5000F



006700



0072A3

# Rectangle

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



3A40D8



C70070



006700



00703F



# Sweetspot

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



3A40D8



C7C9FF



3AD8D0



5E6080



000000



808080



# Same Dimension

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



3A40D8



1F27FF



813AD8



60616B



0006AB



00022B



# Inverse Universe

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



D83A40



FF1F27



91D83A



6B6061



AB0006

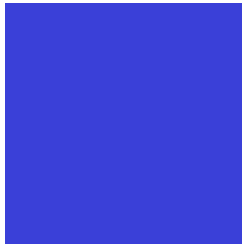


2B0002



# Previews

## White Background



This preview shows how the Hex color 3A40D8 looks on a white background.

## Color Contrast Check

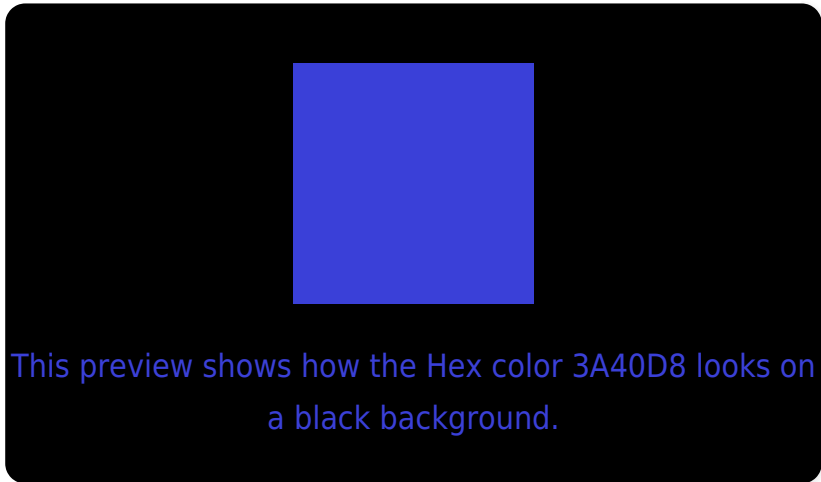
Large Text (above 18pt) WCAG AA ✓ Pass

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

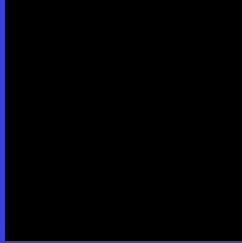
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A40D8 Background



This preview shows how black text looks on a background with the Hex color 3A40D8.



This preview shows how white text looks on a background with the Hex color 3A40D8.

# Color Blindness Simulation

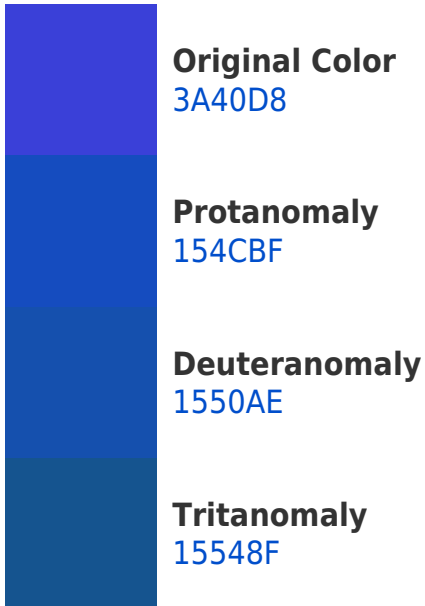
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

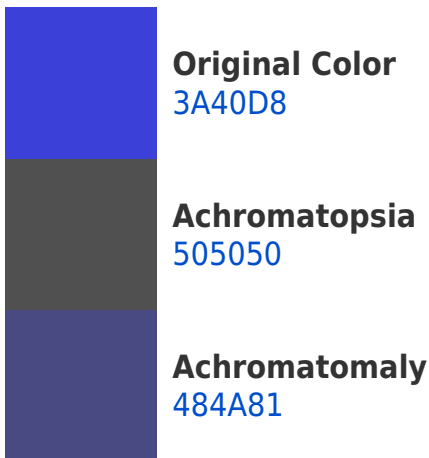




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A40D8 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 #3A40D8 looks like.

```
.text, #text, p{  
    color:#3A40D8  
}
```

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 #3A40D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A40D8
}
```

## Border

The CSS property to change the border of an element to Hex 3A40D8 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
#3A40D8 }
```

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

```
.border{ border-color:#3A40D8 }
```

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

Here you see how a box with a 4 pixel #3A40D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A40D8; -webkit-box-shadow:4px 4px  
4px 4px #3A40D8; box-shadow:4px 4px 4px  
4px #3A40D8 }
```

# Background

The CSS property to change the background color of an element to Hex 3A40D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A40D8 }
```

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

```
.background{ background-color:#3A40D8 }
```

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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