

# Converting Colors

Hex(423F92)

Have a look what the booklet for  
Hex(423F92) contains.

<b>Hex(423F92)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(423F92)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	423F92
RGB	66, 63, 146
RGB Percent	26%, 25%, 57%
CMY	0.7412, 0.7529, 0.4275
CMYK	0.55, 0.57, 0.00, 0.43
HSL	242°, 40%, 41%
HSV	242°, 57%, 57%
XYZ	9.2126, 6.7886, 28.0189
YIQ	73.3590, -24.8550, 26.4490

# Conversions

## Conversions Part 2

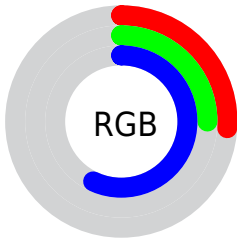
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 63, 146
Decimal	4341650
CIE <sub>Lab</sub>	31.32, 25.71, -45.62
CIE <sub>LCh</sub>	31, 52.369, 299.401
Yxy	6.7886, 0.2093, 0.1542
Android (android.graphics.Color)	4282531730 (0xFF423F92)
YUV	73.3590, 35.8120, -6.4538
Hunter-Lab	26.0549, 17.5185, -45.5208

# Details

The Hex color **423F92** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F923F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **786FC9**, and **00155F** is the 20% darker color. If you saturate the color by 10%, you get **343092**, and if you desaturate by 10%, it is **504E92**.

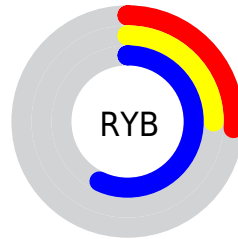
# Distribution



Red (26%)

Green (25%)

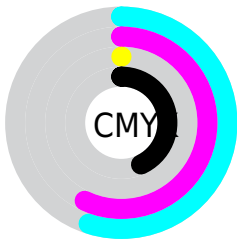
Blue (57%)



Red (26%)

Yellow (25%)

Blue (57%)

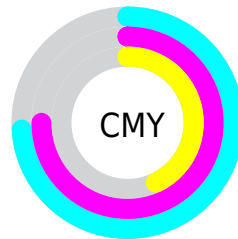


Cyan (55%)

Magenta (57%)

Yellow (0%)

Black (43%)



Cyan (74%)

Magenta (75%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 423F92 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 423F92 by changing the saturation by 10% instead.



 423F92

 423F92

FFFFFF

 252978

 786FC9

 00155F

 9488E5

 000046

 B0A3FF

 00042F

 CCBEFF

 000119

 E9D9FF

 000000

 FFF6FF

 423F92

 423F92

 343092

 504E92

■ 262292

■ 5E5C92

■ 181392

■ 6C6B92

■ 0A0592

■ 7A7992

■ 050092

■ 888892

■ 969792

■ A5A592

■ B3B492

■ C1C292

# Harmonies

## Analogous

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



004F9D



423F92



792774

# Triad

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



423F92



7A3600



005B48

# Complementary

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



423F92



8F923F

# 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.



00581C



423F92



5C4800

# Square

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



423F92



8D1F24



325300



005B71

# Rectangle

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



423F92



8A175A



325300



005A39



# Sweetspot

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



423F92



9E9DBD



3F8F92



4C4B5E



DEDEDE



5E5E5E



# Same Dimension

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



423F92



413CBD



6B3F92



43434A



05008A



00000A



# Inverse Universe

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



923F8F



BD3CB8



66923F



4A434A



8A0085



0A000A



# Previews

## White Background



This preview shows how the Hex color 423F92 looks on a white background.

## Color Contrast Check

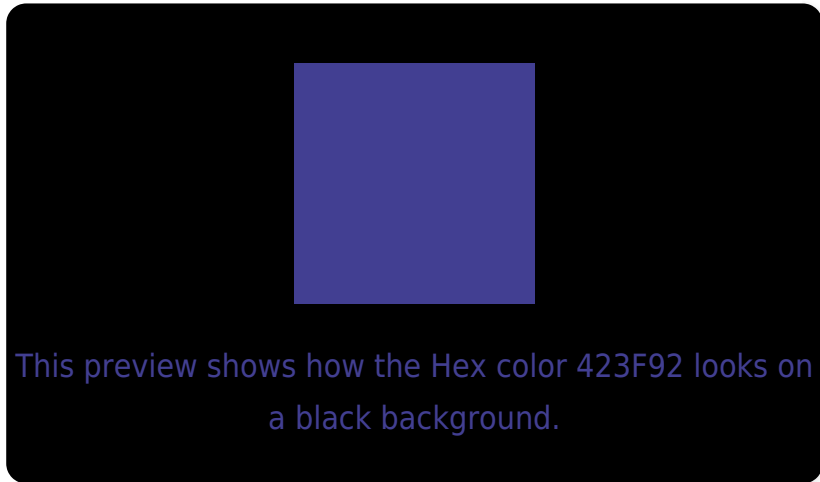
Large Text (above 18pt) WCAG AA ✓ Pass

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

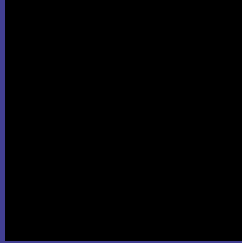
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 423F92 Background



This preview shows how black text looks on a background with the Hex color 423F92.



This preview shows how white text looks on a background with the Hex color 423F92.

# 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**  
423F92

**Protanopia**  
004797

**Deuteranopia**  
004B83



# Trichromacy



**Original Color**  
423F92

**Protanomaly**  
184495

**Deuteranomaly**  
184788

**Tritanomaly**  
34496B

# Monochromacy



**Original Color**  
423F92

**Achromatopsia**  
494949

**Achromatomaly**  
464564

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 423F92 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 #423F92 looks like.

```
.text, #text, p{  
    color:#423F92  
}
```

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 #423F92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423F92
}
```

## Border

The CSS property to change the border of an element to Hex 423F92 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
#423F92 }
```

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

```
.border{ border-color:#423F92 }
```

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

Here you see how a box with a 4 pixel #423F92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423F92; -webkit-box-shadow:4px 4px  
4px 4px #423F92; box-shadow:4px 4px 4px  
4px #423F92 }
```

# Background

The CSS property to change the background color of an element to Hex 423F92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423F92 }
```

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

```
.background{ background-color:#423F92 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor