

# Converting Colors

Hex(1F3CA2)

Have a look what the booklet for  
Hex(1F3CA2) contains.

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# Color

Hex(1F3CA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F3CA2
RGB	31, 60, 162
RGB Percent	12%, 24%, 64%
CMY	0.8784, 0.7647, 0.3647
CMYK	0.81, 0.63, 0.00, 0.36
HSL	227°, 68%, 38%
HSV	227°, 81%, 64%
XYZ	8.7025, 6.1317, 34.9073
YIQ	62.9570, -50.0260, 25.5740

# Conversions

## Conversions Part 2

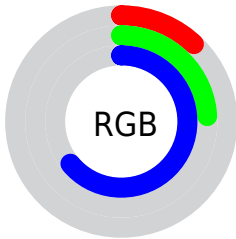
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	31, 55, 162
Decimal	2047138
CIE Lab	29.74, 28.19, -58.02
CIE LCh	30, 64.504, 295.917
Yxy	6.1317, 0.1750, 0.1233
Android (android.graphics.Color)	4280237218 (0xFF1F3CA2)
YUV	62.9570, 48.8282, -28.0263
Hunter-Lab	24.7622, 19.3989, -66.2476

# Details

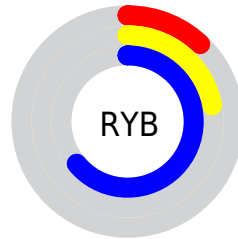
The Hex color **1F3CA2** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A2851F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **636BDA**, and **00136D** is the 20% darker color. If you saturate the color by 10%, you get **0F2FA2**, and if you desaturate by 10%, it is **2F49A2**.

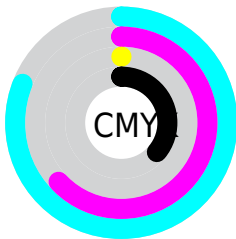
# Distribution



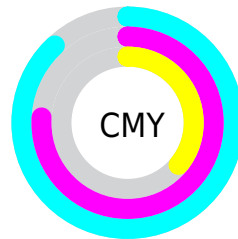
- Red (12%)
- Green (24%)
- Blue (64%)



- Red (12%)
- Yellow (22%)
- Blue (64%)



- Cyan (81%)
- Magenta (63%)
- Yellow (0%)
- Black (36%)



- Cyan (88%)
- Magenta (76%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F3CA2 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 1F3CA2 by changing the saturation by 10% instead.



■ 1F3CA2

■ 1F3CA2

FFFFFF

■ 002787

■ 636BDA

■ 00136D

■ 8084F7

■ 000054

■ 9D9EFF

■ 00063C

■ BAB9FF

■ 000225

■ D8D5FF

■ 00010E

■ F6F1FF

■ 000000

■ 1F3CA2

■ 1F3CA2

■ 0F2FA2

■ 2F49A2

0024A2

3F55A2

5062A2

606EA2

707BA2

8088A2

9094A2

A1A1A2

B1AEA2

# Harmonies

## Analogous

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



004FAC



1F3CA2



79157F

# Triad

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



1F3CA2



812800



00593E

# Complementary

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



1F3CA2



A2851F

# 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.



005600



1F3CA2



5C4200

# Square

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



1F3CA2



96001E



2B5000



005A71

# Rectangle

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



1F3CA2



900060



2B5000



00582C



# Sweetspot

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



1F3CA2



A1ACD4



1FA283



4C536B



EBEBEB



6B6B6B



# Same Dimension

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



1F3CA2



0634D4



421FA2



494B52



002091



000412



# Inverse Universe

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



A21F3C



D40634



7FA21F



52494B



910020



120004



# Previews

## White Background



This preview shows how the Hex color 1F3CA2 looks on a white background.

## Color Contrast Check

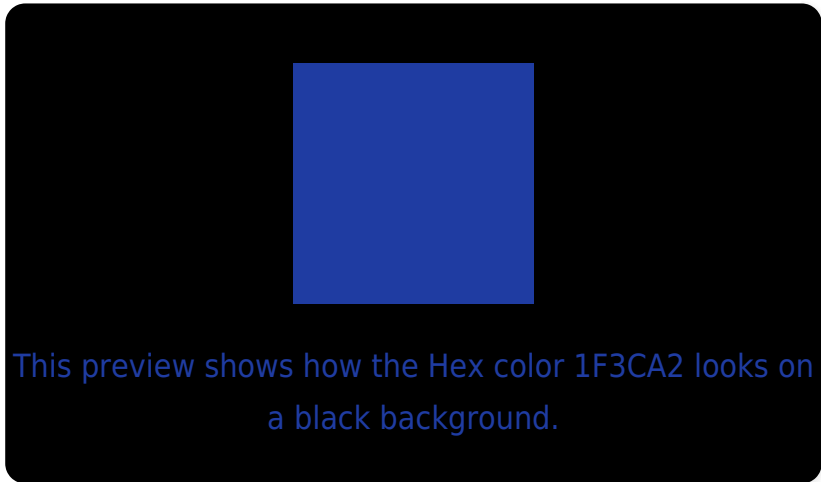
Large Text (above 18pt) WCAG AA ✓ Pass

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

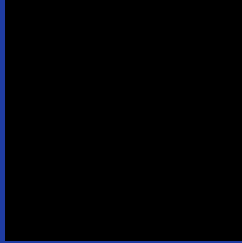
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F3CA2 Background



This preview shows how black text looks on a background with the Hex color 1F3CA2.



This preview shows how white text looks on a background with the Hex color 1F3CA2.

# 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**  
1F3CA2

**Protanopia**  
00438F

**Deuteranopia**  
00487A



**Tritanopia**  
004E52

# Trichromacy



**Original Color**  
1F3CA2

**Protanomaly**  
0B4096

**Deuteranomaly**  
0B4489

**Tritanomaly**  
0B476F

# Monochromacy



**Original Color**  
1F3CA2

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
333E63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F3CA2 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 #1F3CA2 looks like.

```
.text, #text, p{  
    color:#1F3CA2  
}
```

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 #1F3CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3CA2
}
```

## Border

The CSS property to change the border of an element to Hex 1F3CA2 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
#1F3CA2 }
```

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

```
.border{ border-color:#1F3CA2 }
```

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

Here you see how a box with a 4 pixel #1F3CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3CA2; -webkit-box-shadow:4px 4px  
4px 4px #1F3CA2; box-shadow:4px 4px 4px  
4px #1F3CA2 }
```

# Background

The CSS property to change the background color of an element to Hex 1F3CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3CA2 }
```

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

```
.background{ background-color:#1F3CA2 }
```

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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