

# Converting Colors

Hex(1F3B91)

Have a look what the booklet for  
Hex(1F3B91) contains.

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# Color

**Hex(1F3B91)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1F3B91
RGB	31, 59, 145
RGB Percent	12%, 23%, 57%
CMY	0.8784, 0.7686, 0.4314
CMYK	0.79, 0.59, 0.00, 0.43
HSL	225°, 65%, 35%
HSV	225°, 79%, 57%
XYZ	7.2399, 5.4636, 27.4611
YIQ	60.4320, -44.2940, 20.8100

# Conversions

## Conversions Part 2

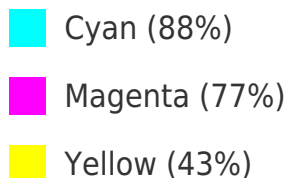
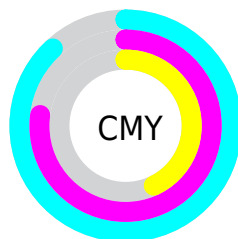
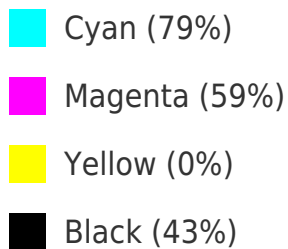
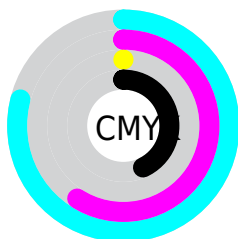
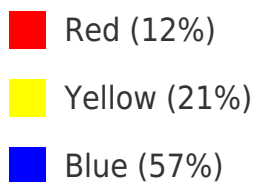
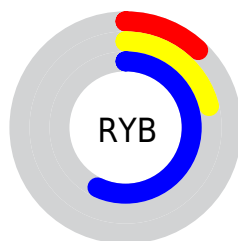
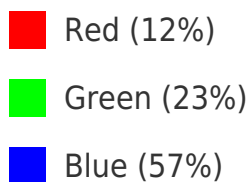
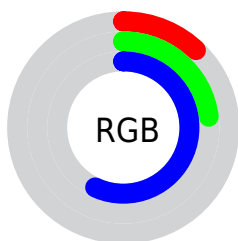
Format	Color
<a href="#">RYB</a>	<a href="#">31, 53, 145</a>
Decimal	<a href="#">2046865</a>
CIELab	<a href="#">28.02, 22.22, -50.47</a>
CIELCh	<a href="#">28, 55.147, 293.765</a>
Yxy	<a href="#">5.4636, 0.1803, 0.1360</a>
Android (android.graphics.Color)	<a href="#">4280236945</a> (0xFF1F3B91)
YUV	<a href="#">60.4320, 41.6920, -25.8119</a>
Hunter-Lab	<a href="#">23.3743, 14.3830, -53.2943</a>

# Details

The Hex color **1F3B91** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **91751F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5E6AC8**, and **00135D** is the 20% darker color. If you saturate the color by 10%, you get **113091**, and if you desaturate by 10%, it is **2D4691**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 1F3B91 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 1F3B91 by changing the saturation by 10% instead.



 1F3B91

 1F3B91

FFFFFF

 002677

 5E6AC8

 00135D

 7B83E4

 000045

 979DFF

 00042E

 B4B8FF

 000118


 D1D3FF

 000000

 EE00FF

 1F3B91

 1F3B91

 113091

 2D4691

 022591

 3C5191

 002491

 4B5C91

 596791

 687291

 767D91

 858891

 939391

 A29D91

# Harmonies

## Analogous

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



004A98



1F3B91



6B2175

# Triad

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



1F3B91



772800



005338

# Complementary

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



1F3B91



91751F

# 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.



005006



1F3B91



593D00

# Square

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



1F3B91



880423



324A00



005463

# Rectangle

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



1F3B91



80055B



324A00



005229



# Sweetspot

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



1F3B91



8F9BBD



1F9174



434A5E



DEDEDE



5E5E5E



# Same Dimension

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



1F3B91



0B37BD



3C1F91



404247



002187



000208



# Inverse Universe

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



911F3B



BD0B37



74911F



474042



870021



080002



# Previews

## White Background



This preview shows how the Hex color 1F3B91 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



This preview shows how the Hex color 1F3B91 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

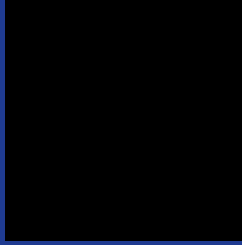
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F3B91 Background



This preview shows how black text looks on a background with the Hex color 1F3B91.



This preview shows how white text looks on a background with the Hex color 1F3B91.

# 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](#).

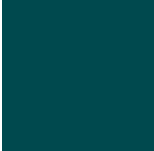
## Dichromacy



**Original Color**  
1F3B91





**Protanopia**  
004087

**Deuteranopia**  
004474



**Tritanopia**  
00494E

# Trichromacy

	<b>Original Color</b> 1F3B91
	<b>Protanomaly</b> 0B3E8B
	<b>Deuteranomaly</b> 0B417F
	<b>Tritanomaly</b> 0B4466

# Monochromacy

	<b>Original Color</b> 1F3B91
	<b>Achromatopsia</b> 3C3C3C
	<b>Achromatomaly</b> 313C5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F3B91 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 #1F3B91 looks like.

```
.text, #text, p{  
    color:#1F3B91  
}
```

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 #1F3B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3B91
}
```

## Border

The CSS property to change the border of an element to Hex 1F3B91 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
#1F3B91 }
```

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

```
.border{ border-color:#1F3B91 }
```

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

Here you see how a box with a 4 pixel #1F3B91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3B91; -webkit-box-shadow:4px 4px  
4px 4px #1F3B91; box-shadow:4px 4px 4px  
4px #1F3B91 }
```

# Background

The CSS property to change the background color of an element to Hex 1F3B91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3B91 }
```

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

```
.background{ background-color:#1F3B91 }
```

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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