

Converting Colors

Hex(3F61B9)

Have a look what the booklet for
Hex(3F61B9) contains.

Hex(3F61B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F61B9)

Conversions

Conversions Part 1

Format	Color
Hex	3F61B9
RGB	63, 97, 185
RGB Percent	25%, 38%, 73%
CMY	0.7529, 0.6196, 0.2745
CMYK	0.66, 0.48, 0.00, 0.27
HSL	223°, 49%, 49%
HSV	223°, 66%, 73%
XYZ	15.0815, 13.1089, 47.6343
YIQ	96.8660, -48.5120, 20.1600

Conversions

Conversions Part 2

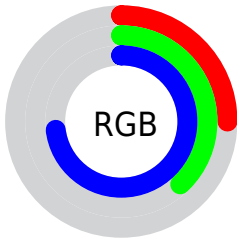
Format	Color
RYB	63, 90, 185
Decimal	4153785
CIELab	42.93, 16.69, -50.23
CIELCh	43, 52.931, 288.385
Yxy	13.1089, 0.1989, 0.1729
Android (android.graphics.Color)	4282343865 (0xFF3F61B9)
YUV	96.8660, 43.4501, -29.7005
Hunter-Lab	36.2063, 10.9924, -52.6598

Details

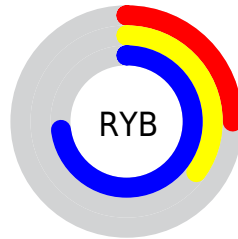
The Hex color **3F61B9** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B9973F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7B93F2**, and **003483** is the 20% darker color. If you saturate the color by 10%, you get **2D54B9**, and if you desaturate by 10%, it is **526EB9**.

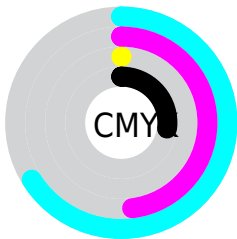
Distribution



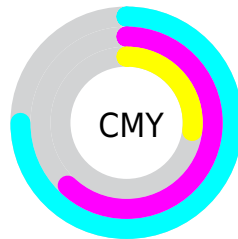
- Red (25%)
- Green (38%)
- Blue (73%)



- Red (25%)
- Yellow (35%)
- Blue (73%)



- Cyan (66%)
- Magenta (48%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F61B9 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 3F61B9 by changing the saturation by 10% instead.

■ 3F61B9

■ 3F61B9

FFFFFF

■ 194A9E

■ 7B93F2

■ 003483

■ 98AEFF

■ 001F69

■ B5C9FF

■ 000851

■ D2E5FF

■ 000539

■ F0FFFF

■ 000222

■ 000009

■ 000000

■ 3F61B9

■ 3F61B9

■ 2D54B9

■ 526EB9

■ 1A46B9

■ 647CB9

■ 0839B9

■ 7789B9

■ 0034B9

■ 8996B9

■ 9CA4B9

■ AEB1B9

■ C1BEB9

■ D3CCB9

■ E5D9B9

Harmonies

Analogous

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



006FBB



3F61B9



894DA0

Triad

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



3F61B9



A54A24



007852

Complementary

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



3F61B9



B9973F

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.



287426



3F61B9



885D00

Square

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



3F61B9



B33A4C



616B00



007A80

Rectangle

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



3F61B9



A34087



616B00



007743

Sweetspot

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



3F61B9



C0CDF0



3FB996



5B6378



F7F7F7



787878

Same Dimension

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



3F61B9



3267F0



593FB9



53555C



002B9C



00081C

Inverse Universe

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



B93F61



F03267



9FB93F



5C5355



9C002B



1C0008

Previews

White Background



This preview shows how the Hex color 3F61B9 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



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 3F61B9 Background



This preview shows how black text looks on a background with the Hex color 3F61B9.



This preview shows how white text looks on a background with the Hex color 3F61B9.

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](#).

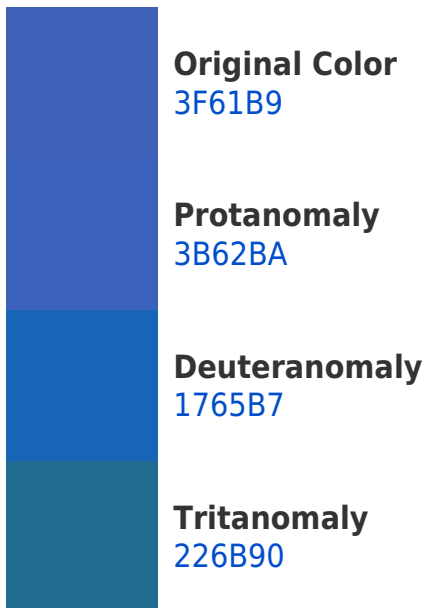
Dichromacy



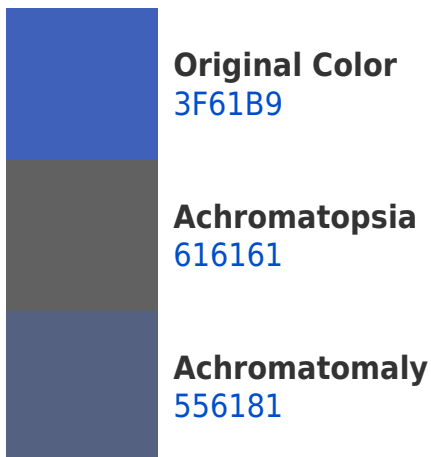


Tritanopia
117079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F61B9 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 #3F61B9 looks like.

```
.text, #text, p{  
    color:#3F61B9  
}
```

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 #3F61B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F61B9
}
```

Border

The CSS property to change the border of an element to Hex 3F61B9 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
#3F61B9 }
```

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

```
.border{ border-color:#3F61B9 }
```

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

Here you see how a box with a 4 pixel #3F61B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F61B9; -webkit-box-shadow:4px 4px  
4px 4px #3F61B9; box-shadow:4px 4px 4px  
4px #3F61B9 }
```

Background

The CSS property to change the background color of an element to Hex 3F61B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F61B9 }
```

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

```
.background{ background-color:#3F61B9 }
```

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