

Converting Colors

Hex(3641B4)

Have a look what the booklet for
Hex(3641B4) contains.

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Color

Hex(3641B4)

Conversions

Conversions Part 1

Format	Color
Hex	3641B4
RGB	54, 65, 180
RGB Percent	21%, 25%, 71%
CMY	0.7882, 0.7451, 0.2941
CMYK	0.70, 0.64, 0.00, 0.29
HSL	235°, 54%, 46%
HSV	235°, 70%, 71%
XYZ	11.6498, 7.8602, 44.0832
YIQ	74.8210, -43.4710, 33.4330

Conversions

Conversions Part 2

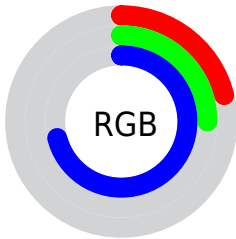
Format	Color
RYB	54, 64, 180
Decimal	3555764
CIELab	33.69, 34.19, -62.28
CIElCh	34, 71.050, 298.763
Yxy	7.8602, 0.1832, 0.1236
Android (android.graphics.Color)	4281745844 (0xFF3641B4)
YUV	74.8210, 51.8532, -18.2600
Hunter-Lab	28.0360, 25.1095, -73.6012

Details

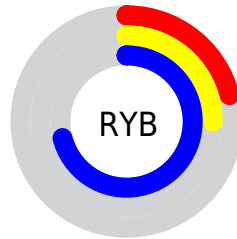
The Hex color **3641B4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B4A936**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7571ED**, and **00167E** is the 20% darker color. If you saturate the color by 10%, you get **2431B4**, and if you desaturate by 10%, it is **4851B4**.

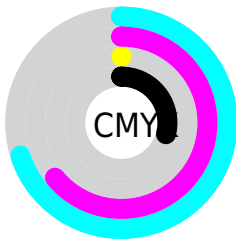
Distribution



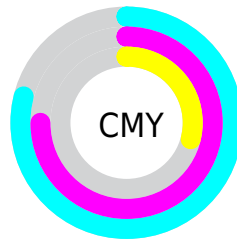
- Red (21%)
- Green (25%)
- Blue (71%)



- Red (21%)
- Yellow (25%)
- Blue (71%)



- Cyan (70%)
- Magenta (64%)
- Yellow (0%)
- Black (29%)



- Cyan (79%)
- Magenta (75%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3641B4 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 3641B4 by changing the saturation by 10% instead.

 3641B4

 3641B4

FFFFFF

 002B99

 7571ED

 00167E

 928BFF

 000164

 B0A5FF

 00044B

 CDC0FF

 000434

 EBDCFF

 00021E

 FFF9FF

 000000

 3641B4

 3641B4

 2431B4

 4851B4

■ 1220B4

■ 5A62B4

■ 0010B4

■ 6C72B4

■ 7E83B4

■ 9093B4

■ A2A4B4

■ B4B4B4

■ C6C4B4

■ D8D5B4

Harmonies

Analogous

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



0058C2



3641B4



8D0F8B

Triad

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



3641B4



8E3100



00654B

Complementary

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



3641B4



B4A936

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.



006207



3641B4



644D00

Square

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



3641B4



A8001D



2A5B00



006585

Rectangle

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



3641B4



A50067



2A5B00



006437

Sweetspot

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



3641B4



B9BEEB



36B4A7



585B75



F5F5F5



757575

Same Dimension

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



3641B4



2637EB



6836B4



505159



000D99



00021A

Inverse Universe

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



B43641



EB2637



82B436



595051



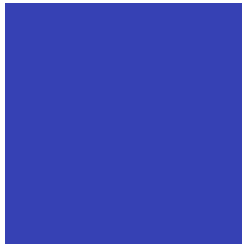
99000D



1A0002

Previews

White Background



This preview shows how the Hex color 3641B4 looks on a white background.

Color Contrast Check

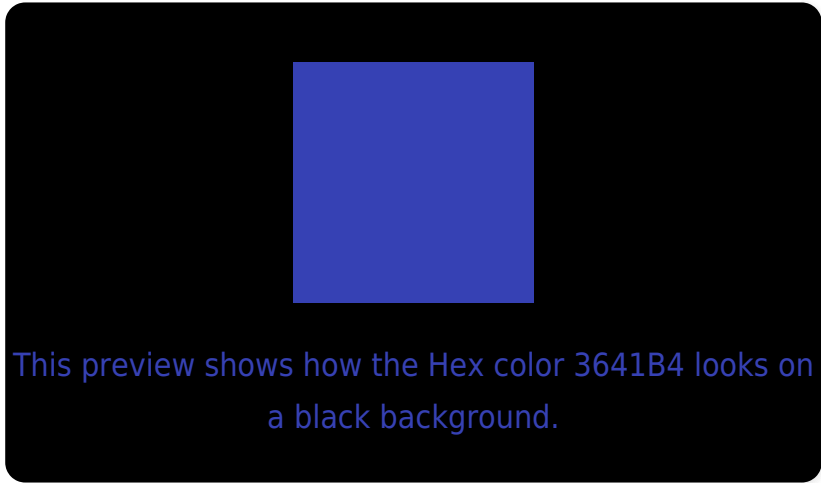
Large Text (above 18pt) WCAG AA ✓ Pass

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

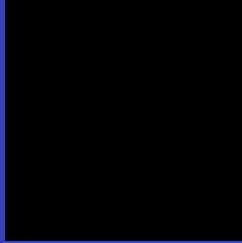
Any Text WCAG AA × Fail

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 3641B4 Background



This preview shows how black text looks on a background with the Hex color 3641B4.

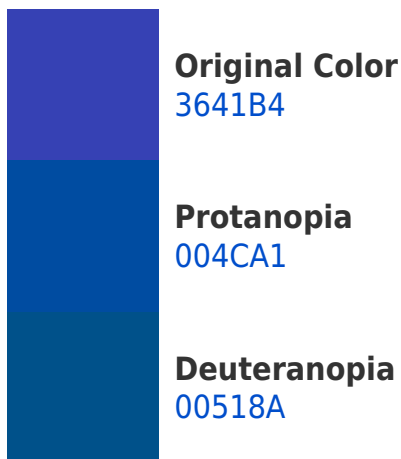


This preview shows how white text looks on a background with the Hex color 3641B4.

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



Original Color
3641B4

Protanomaly
1448A8

Deuteranomaly
144B99

Tritanomaly
14507D

Monochromacy



Original Color
3641B4

Achromatopsia
4B4B4B

Achromatomaly
434771

CSS Examples

Text

The CSS property to change the color of the text to Hex 3641B4 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 #3641B4 looks like.

```
.text, #text, p{  
    color:#3641B4  
}
```

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 #3641B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3641B4
}
```

Border

The CSS property to change the border of an element to Hex 3641B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

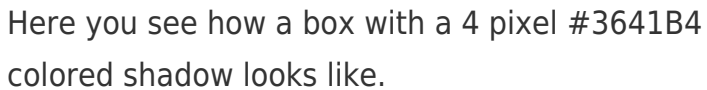
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3641B4 }
```

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

```
.border{ border-color:#3641B4 }
```

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



Here you see how a box with a 4 pixel #3641B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3641B4; -webkit-box-shadow:4px 4px  
4px 4px #3641B4; box-shadow:4px 4px 4px  
4px #3641B4 }
```

Background

The CSS property to change the background color of an element to Hex 3641B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3641B4 }
```

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

```
.background{ background-color:#3641B4 }
```

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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