

Converting Colors

Hex(4041B8)

Have a look what the booklet for
Hex(4041B8) contains.

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Color

Hex(4041B8)

Conversions

Conversions Part 1

Format	Color
Hex	4041B8
RGB	64, 65, 184
RGB Percent	25%, 25%, 72%
CMY	0.7490, 0.7451, 0.2784
CMYK	0.65, 0.65, 0.00, 0.28
HSL	240°, 48%, 49%
HSV	240°, 65%, 72%
XYZ	12.6564, 8.3313, 46.2884
YIQ	78.2670, -38.7950, 36.7970

Conversions

Conversions Part 2

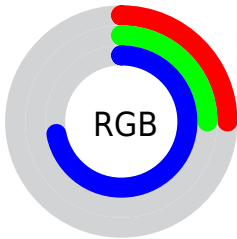
Format	Color
RYB	64, 65, 184
Decimal	4211128
CIELab	34.66, 36.95, -63.03
CIELCh	35, 73.064, 300.378
Yxy	8.3313, 0.1881, 0.1238
Android (android.graphics.Color)	4282401208 (0xFF4041B8)
YUV	78.2670, 52.1264, -12.5122
Hunter-Lab	28.8639, 27.7575, -74.8772

Details

The Hex color **4041B8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B8B740**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7D71F1**, and **001682** is the 20% darker color. If you saturate the color by 10%, you get **2E2FB8**, and if you desaturate by 10%, it is **5253B8**.

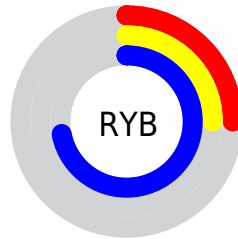
Distribution



Red (25%)

Green (25%)

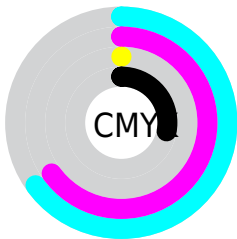
Blue (72%)



Red (25%)

Yellow (25%)

Blue (72%)

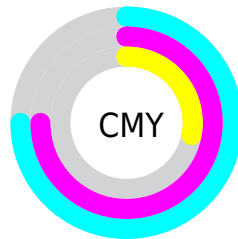


Cyan (65%)

Magenta (65%)

Yellow (0%)

Black (28%)



Cyan (75%)

Magenta (75%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4041B8 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 4041B8 by changing the saturation by 10% instead.

 4041B8

 4041B8

FFFFFF

 182B9C

 7D71F1

 001682

 9A8BFF

 000168

 B8A5FF

 00004F

 D5C1FF

 000537

 F4DDFF

 000221

 FFF9FF

 000005

 000000

 4041B8

 4041B8

■ 2E2FB8

■ 5253B8

■ 1B1DB8

■ 6565B8

■ 090AB8

■ 7778B8

■ 0002B8

■ 8A8AB8

■ 9C9CB8

■ AEAEB8

■ C1C1B8

■ D3D3B8

■ E6E5B8

Harmonies

Analogous

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



005AC9



4041B8



94068C

Triad

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



4041B8



903400



006851

Complementary

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



4041B8



B8B740

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.



00650D



4041B8



645000

Square

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



4041B8



AC001B



265E00



00688C

Rectangle

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



4041B8



AB0067



265E00



00673C

Sweetspot

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



4041B8



C0C0F0



40B8B6



5B5B78



F7F7F7



787878

Same Dimension

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



4041B8



3536F0



7A40B8



53535C



00019C



00001C

Inverse Universe

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



B84041



F03536



7EB840



5C5353



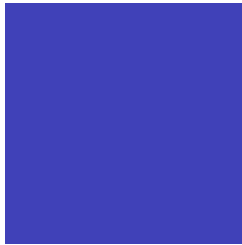
9C0001



1C0000

Previews

White Background



This preview shows how the Hex color 4041B8 looks on a white background.

Color Contrast Check

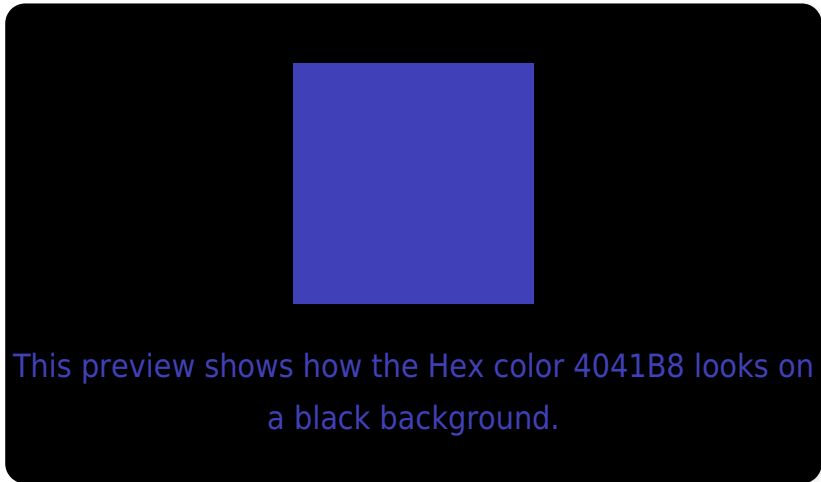
Large Text (above 18pt) WCAG AA ✓ Pass

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

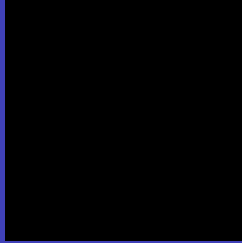
Any Text WCAG AA × Fail

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 4041B8 Background



This preview shows how black text looks on a background with the Hex color 4041B8.

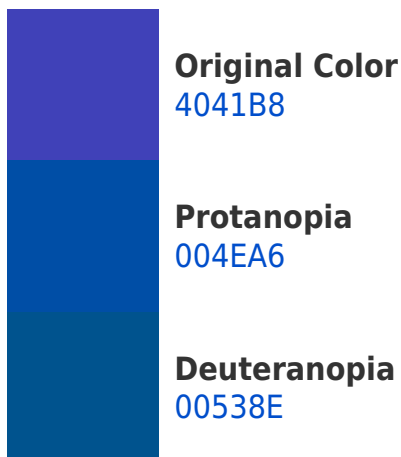



This preview shows how white text looks on a background with the Hex color 4041B8.

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](#).

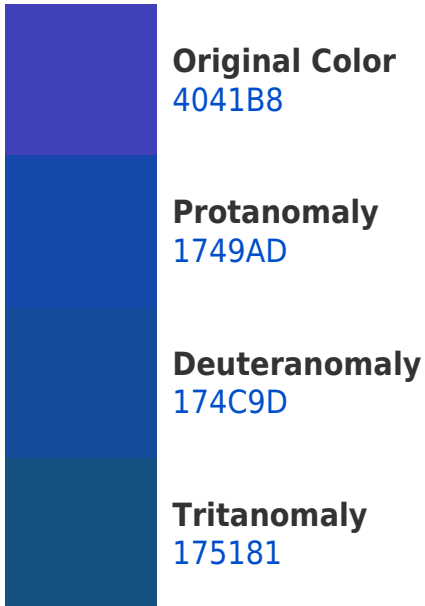
Dichromacy





Tritanopia
005A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4041B8 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 #4041B8 looks like.

```
.text, #text, p{  
    color:#4041B8  
}
```

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 #4041B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4041B8
}
```

Border

The CSS property to change the border of an element to Hex 4041B8 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
#4041B8 }
```

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

```
.border{ border-color:#4041B8 }
```

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

Here you see how a box with a 4 pixel #4041B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4041B8; -webkit-box-shadow:4px 4px  
4px 4px #4041B8; box-shadow:4px 4px 4px  
4px #4041B8 }
```

Background

The CSS property to change the background color of an element to Hex 4041B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4041B8 }
```

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

```
.background{ background-color:#4041B8 }
```

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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