

Converting Colors

Hex(4054B3)

Have a look what the booklet for
Hex(4054B3) contains.

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Color

Hex(4054B3)

Conversions

Conversions Part 1

Format	Color
Hex	4054B3
RGB	64, 84, 179
RGB Percent	25%, 33%, 70%
CMY	0.7490, 0.6706, 0.2980
CMYK	0.64, 0.53, 0.00, 0.30
HSL	230°, 47%, 48%
HSV	230°, 64%, 70%
XYZ	13.4214, 10.6853, 44.0029
YIQ	88.8500, -42.4150, 25.3050

Conversions

Conversions Part 2

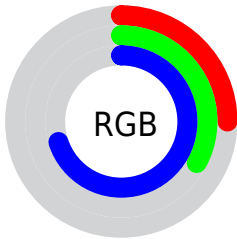
Format	Color
R _{YB}	64, 81, 179
Decimal	4215987
CIE _{Lab}	39.05, 23.10, -52.96
CIE _{LCh}	39, 57.781, 293.570
Yxy	10.6853, 0.1971, 0.1569
Android (android.graphics.Color)	4282406067 (0xFF4054B3)
YUV	88.8500, 44.4439, -21.7935
Hunter-Lab	32.6884, 16.0847, -56.9303

Details

The Hex color **4054B3** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B39F40**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7B85EB**, and **00287D** is the 20% darker color. If you saturate the color by 10%, you get **2E45B3**, and if you desaturate by 10%, it is **5263B3**.

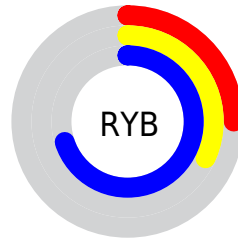
Distribution



Red (25%)

Green (33%)

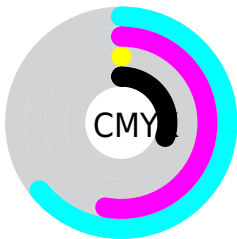
Blue (70%)



Red (25%)

Yellow (32%)

Blue (70%)

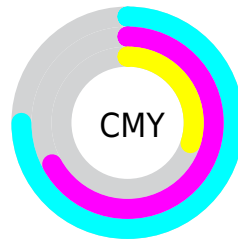


Cyan (64%)

Magenta (53%)

Yellow (0%)

Black (30%)



Cyan (75%)

Magenta (67%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4054B3 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 4054B3 by changing the saturation by 10% instead.

 4054B3

 4054B3

FFFFFF

 1C3D98

 7B85EB

 00287D

 989FFF

 001564

 B5BAFF

 00004B

 D2D6FF

 000434

 F0F2FF

 00021D

 000000

 4054B3

 4054B3

 2E45B3

 5263B3

■ 1C36B3

■ 6472B3

■ 0A28B3

■ 7680B3

■ 001FB3

■ 888FB3

■ 9A9EB3

■ ABADB3

■ BDBC B3

■ CFCAB3

■ E1D9B3

Harmonies

Analogous

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



0065BA



4054B3



8A3B94

Triad

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



4054B3



9A410A



007050

Complementary

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



4054B3



B39F40

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.



006C1E



4054B3



785600

Square

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



4054B3



AC293A



4C6400



007180

Rectangle

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



4054B3



A22A78



4C6400



006F40

Sweetspot

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



4054B3



BCC4E8



40B39E



5A5F75



F5F5F5



757575

Same Dimension

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



4054B3



3554E8



6440B3



505259



001B99



00041A

Inverse Universe

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



B34054



E83554



8FB340



595052



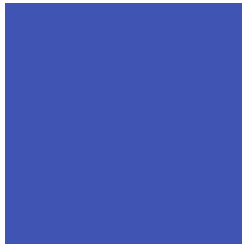
99001B



1A0004

Previews

White Background



This preview shows how the Hex color 4054B3 looks on a white background.

Color Contrast Check

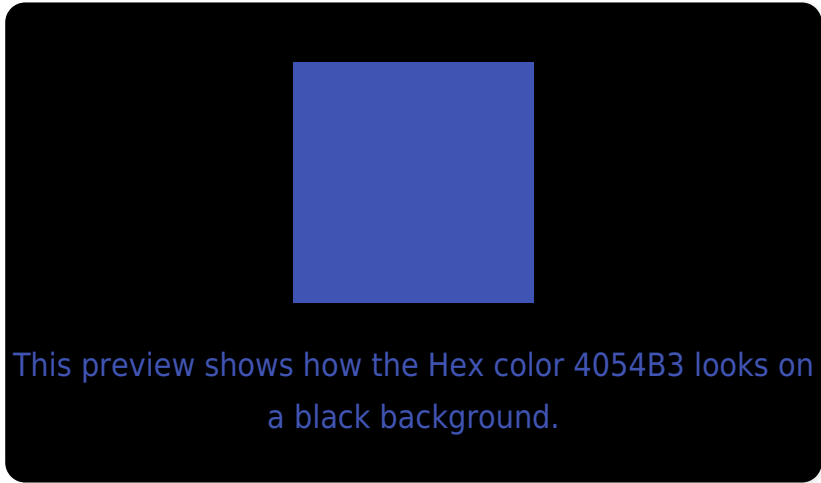
Large Text (above 18pt) WCAG AA ✓ Pass

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

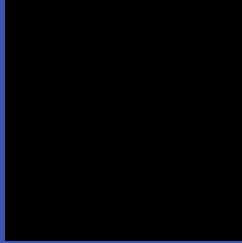
Any Text WCAG AA × Fail

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 4054B3 Background



This preview shows how black text looks on a background with the Hex color 4054B3.




This preview shows how white text looks on a background with the Hex color 4054B3.

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](#).

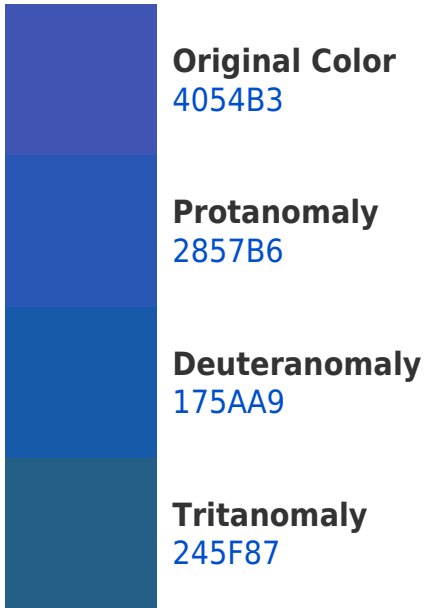
Dichromacy



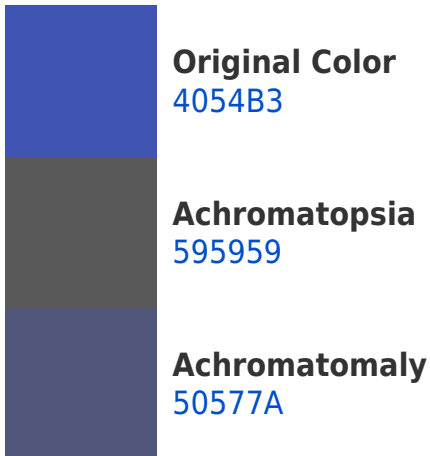


Tritanopia
14656E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4054B3 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 #4054B3 looks like.

```
.text, #text, p{  
    color:#4054B3  
}
```

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 #4054B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4054B3
}
```

Border

The CSS property to change the border of an element to Hex 4054B3 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
#4054B3 }
```

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

```
.border{ border-color:#4054B3 }
```

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

Here you see how a box with a 4 pixel #4054B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4054B3; -webkit-box-shadow:4px 4px  
4px 4px #4054B3; box-shadow:4px 4px 4px  
4px #4054B3 }
```

Background

The CSS property to change the background color of an element to Hex 4054B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4054B3 }
```

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

```
.background{ background-color:#4054B3 }
```

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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