

Converting Colors

Hex(3049B2)

Have a look what the booklet for
Hex(3049B2) contains.

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Color

Hex(3049B2)

Conversions

Conversions Part 1

Format	Color
Hex	3049B2
RGB	48, 73, 178
RGB Percent	19%, 29%, 70%
CMY	0.8118, 0.7137, 0.3020
CMYK	0.73, 0.59, 0.00, 0.30
HSL	228°, 58%, 44%
HSV	228°, 73%, 70%
XYZ	11.6373, 8.6078, 43.1676
YIQ	77.4950, -48.6050, 27.3550

Conversions

Conversions Part 2

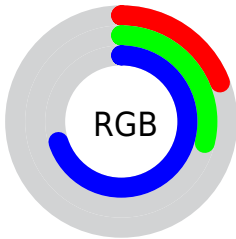
Format	Color
R_{YB}	48, 69, 178
Decimal	3164594
CIE _{Lab}	35.22, 27.51, -58.62
CIE _{LCh}	35, 64.754, 295.143
Yxy	8.6078, 0.1835, 0.1357
Android (android.graphics.Color)	4281354674 (0xFF3049B2)
YUV	77.4950, 49.5490, -25.8671
Hunter-Lab	29.3391, 19.4586, -66.6981

Details

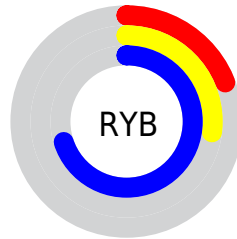
The Hex color **3049B2** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B29930**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7079EB**, and **001E7C** is the 20% darker color. If you saturate the color by 10%, you get **1E3BB2**, and if you desaturate by 10%, it is **4257B2**.

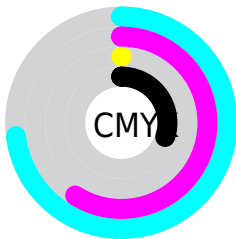
Distribution



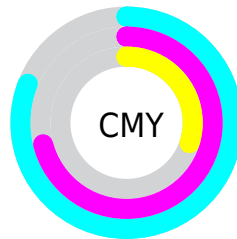
- Red (19%)
- Green (29%)
- Blue (70%)



- Red (19%)
- Yellow (27%)
- Blue (70%)



- Cyan (73%)
- Magenta (59%)
- Yellow (0%)
- Black (30%)



- Cyan (81%)
- Magenta (71%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3049B2 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 3049B2 by changing the saturation by 10% instead.

■ 3049B2

FFFFFF

■ 7079EB

■ 8D93FF

■ AAADFF

■ C8C9FF

■ E6E5FF

■ 3049B2

■ 1E3BB2

■ 3049B2

■ 003397

■ 001E7C

■ 000B63

■ 00034A

■ 000432

■ 00021C

■ 000000

■ 3049B2

■ 4257B2

0C2CB2

5466B2

0022B2

6574B2

7783B2

8991B2

9B9FB2

ADAEB2

BEBCB2

D0CAB2

Harmonies

Analogous

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



005CBC



3049B2



87288F

Triad

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



3049B2



923500



006749

Complementary

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



3049B2



B29930

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.



00640D



3049B2



6D4E00

Square

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



3049B2



A8072B



3C5D00



00687E

Rectangle

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



3049B2



A0016F



3C5D00



006736

Sweetspot

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



3049B2



B5BFE8



30B298



575D75



F5F5F5



757575

Same Dimension

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



3049B2



1C43E8



5730B2



505259



001D99



00051A

Inverse Universe

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



B23049



E81C43



8BB230



595052



99001D



1A0005

Previews

White Background



This preview shows how the Hex color 3049B2 looks on a white background.

Color Contrast Check

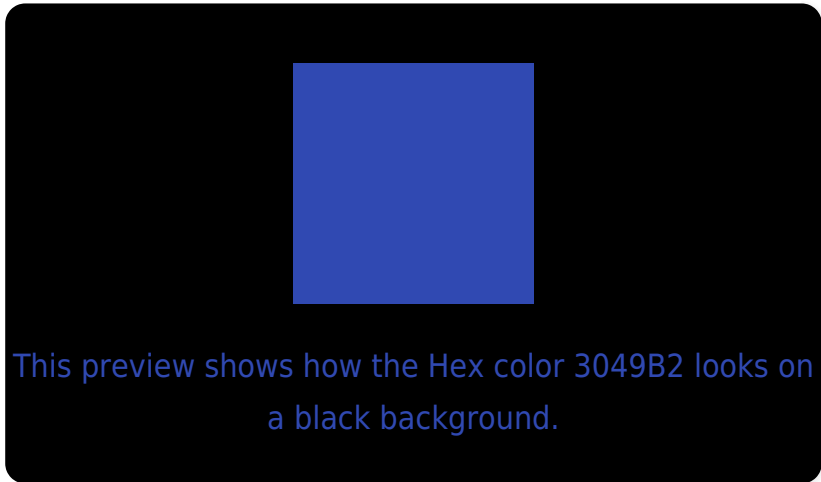
Large Text (above 18pt) WCAG AA ✓ Pass

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

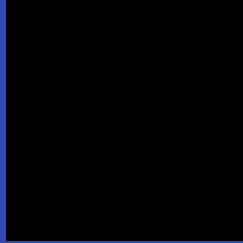
Any Text WCAG AA × Fail

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 3049B2 Background



This preview shows how black text looks on a background with the Hex color 3049B2.

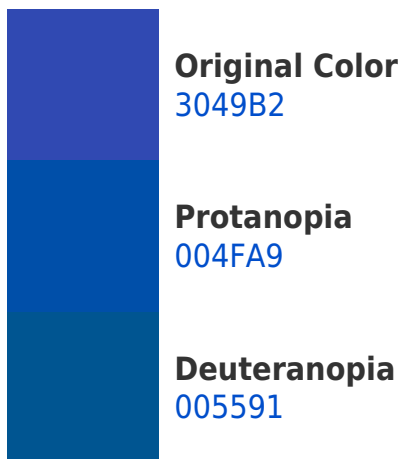


This preview shows how white text looks on a background with the Hex color 3049B2.

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
005C62

Trichromacy



Original Color
3049B2

Protanomaly
114DAC

Deuteranomaly
11519D

Tritanomaly
11557F

Monochromacy



Original Color
3049B2

Achromatopsia
4D4D4D

Achromatomaly
424C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 3049B2 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 #3049B2 looks like.

```
.text, #text, p{  
    color:#3049B2  
}
```

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 #3049B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3049B2
}
```

Border

The CSS property to change the border of an element to Hex 3049B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

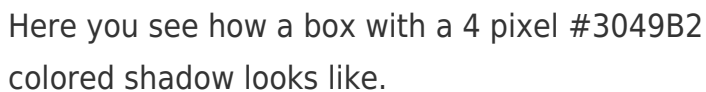
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3049B2 }
```

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

```
.border{ border-color:#3049B2 }
```

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



Here you see how a box with a 4 pixel #3049B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3049B2; -webkit-box-shadow:4px 4px  
4px 4px #3049B2; box-shadow:4px 4px 4px  
4px #3049B2 }
```

Background

The CSS property to change the background color of an element to Hex 3049B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3049B2 }
```

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

```
.background{ background-color:#3049B2 }
```

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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