

Converting Colors

Hex(3249B6)

Have a look what the booklet for
Hex(3249B6) contains.

Hex(3249B6)	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(3249B6)

Conversions

Conversions Part 1

Format	Color
Hex	3249B6
RGB	50, 73, 182
RGB Percent	20%, 29%, 71%
CMY	0.8039, 0.7137, 0.2863
CMYK	0.73, 0.60, 0.00, 0.29
HSL	230°, 57%, 45%
HSV	230°, 73%, 71%
XYZ	12.1414, 8.8206, 45.3186
YIQ	78.5490, -48.6970, 29.0230

Conversions

Conversions Part 2

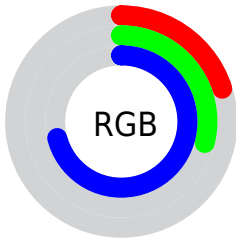
Format	Color
R _{YB}	50, 70, 182
Decimal	3295670
CIE Lab	35.64, 29.24, -60.30
CIE LCh	36, 67.014, 295.872
Yxy	8.8206, 0.1832, 0.1331
Android (android.graphics.Color)	4281485750 (0xFF3249B6)
YUV	78.5490, 51.0013, -25.0375
Hunter-Lab	29.6995, 20.9984, -69.6813

Details

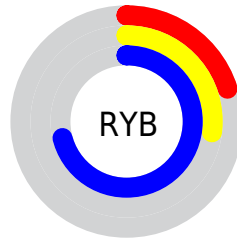
The Hex color **3249B6** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B69F32**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7279EF**, and **001E80** is the 20% darker color. If you saturate the color by 10%, you get **203AB6**, and if you desaturate by 10%, it is **4458B6**.

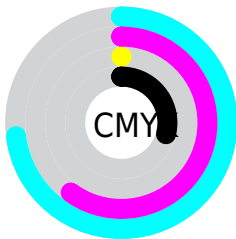
Distribution



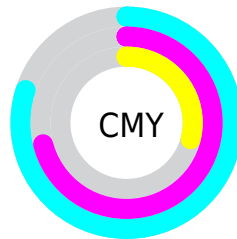
- Red (20%)
- Green (29%)
- Blue (71%)



- Red (20%)
- Yellow (27%)
- Blue (71%)



- Cyan (73%)
- Magenta (60%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3249B6 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 3249B6 by changing the saturation by 10% instead.

 3249B6

 3249B6

FFFFFF

 00339B

 7279EF

 001E80

 9093FF

 000B66

 ADAEFF

 00024D

 CBC9FF

 000535

 E8E5FF

 00021F

 000003

 000000

 3249B6

 3249B6

■ 203AB6

■ 4458B6

■ 0E2BB6

■ 5667B6

■ 0020B6

■ 6976B6

■ 7B85B6

■ 8D94B6

■ 9FA3B6

■ B1B2B6

■ C4C1B6

■ D6D0B6

Harmonies

Analogous

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



005EC1



3249B6



8B2591

Triad

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



3249B6



943500



00694B

Complementary

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



3249B6



B69F32

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.



00660C



3249B6



6D4F00

Square

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



3249B6



AB0029



3A5E00



006A82

Rectangle

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



3249B6



A4006F



3A5E00



006838

Sweetspot

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



3249B6



B9C2ED



32B69E



595E78



F7F7F7



787878

Same Dimension

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



3249B6



1F43ED



5C32B6



53545C



001B9C



00051C

Inverse Universe

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



B63249



ED1F43



8CB632



5C5354



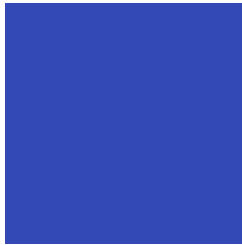
9C001B



1C0005

Previews

White Background



This preview shows how the Hex color 3249B6 looks on a white background.

Color Contrast Check

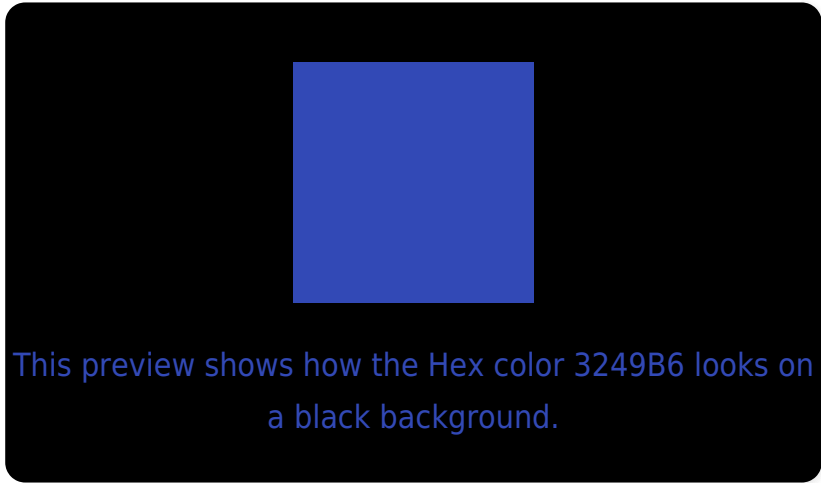
Large Text (above 18pt) WCAG AA ✓ Pass

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

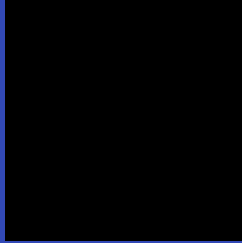
Any Text WCAG AA × Fail

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 3249B6 Background



This preview shows how black text looks on a background with the Hex color 3249B6.



This preview shows how white text looks on a background with the Hex color 3249B6.

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



Original Color
3249B6

Protanopia
0050AB

Deuteranopia
005693



Tritanopia
005D63

Trichromacy



Original Color
3249B6

Protanomaly
124DAF

Deuteranomaly
1251A0

Tritanomaly
125681

Monochromacy



Original Color
3249B6

Achromatopsia
4F4F4F

Achromatomaly
444D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 3249B6 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 #3249B6 looks like.

```
.text, #text, p{  
    color:#3249B6  
}
```

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 #3249B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3249B6
}
```

Border

The CSS property to change the border of an element to Hex 3249B6 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
#3249B6 }
```

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

```
.border{ border-color:#3249B6 }
```

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

Here you see how a box with a 4 pixel #3249B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3249B6; -webkit-box-shadow:4px 4px  
4px 4px #3249B6; box-shadow:4px 4px 4px  
4px #3249B6 }
```

Background

The CSS property to change the background color of an element to Hex 3249B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3249B6 }
```

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

```
.background{ background-color:#3249B6 }
```

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