

Converting Colors

Hex(3219B2)

Have a look what the booklet for
Hex(3219B2) contains.

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Color

Hex(3219B2)

Conversions

Conversions Part 1

Format	Color
Hex	3219B2
RGB	50, 25, 178
RGB Percent	20%, 10%, 70%
CMY	0.8039, 0.9020, 0.3020
CMYK	0.72, 0.86, 0.00, 0.30
HSL	250°, 75%, 40%
HSV	250°, 86%, 70%
XYZ	9.6989, 4.5877, 42.4938
YIQ	49.9170, -34.2130, 52.8830

Conversions

Conversions Part 2

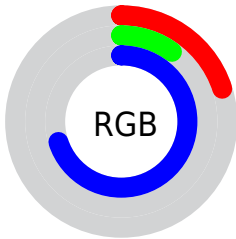
Format	Color
RYB	50, 25, 178
Decimal	3283378
CIELab	25.53, 54.66, -74.56
CIELCh	26, 92.447, 306.244
Yxy	4.5877, 0.1708, 0.0808
Android (android.graphics.Color)	4281473458 (0xFF3219B2)
YUV	49.9170, 63.1449, 0.0728
Hunter-Lab	21.4190, 43.3449, -102.6341

Details

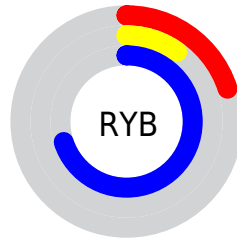
The Hex color **3219B2** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **99B219**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **754CEB**, and **00007C** is the 20% darker color. If you saturate the color by 10%, you get **2307B2**, and if you desaturate by 10%, it is **412BB2**.

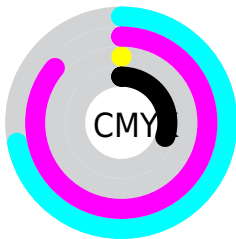
Distribution



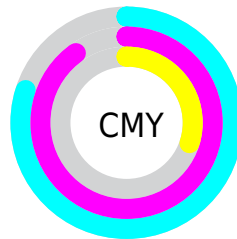
- Red (20%)
- Green (10%)
- Blue (70%)



- Red (20%)
- Yellow (10%)
- Blue (70%)



- Cyan (72%)
- Magenta (86%)
- Yellow (0%)
- Black (30%)



- Cyan (80%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3219B2 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 3219B2 by changing the saturation by 10% instead.

■ 3219B2

■ 3219B2

FFFFFF

■ 000096

■ 754CEB

■ 00007C

■ 9365FF

■ 000062

■ B180FF

■ 000949

■ CF9AFF

■ 000431

■ EEB6FF

■ 00011B

■ FFD2FF

■ 000000

■ FFEFFF

■ 3219B2

■ 3219B2

■ 2307B2

■ 412BB2

■ 1D00B2

■ 503DB2

■ 5F4EB2

■ 6E60B2

■ 7C72B2

■ 8B84B2

■ 9A96B2

■ A9A7B2

■ B8B9B2

Harmonies

Analogous

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



0046CF



3219B2



930077

Triad

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



3219B2



751C00



00524A

Complementary

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



3219B2



99B219

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.



005000



3219B2



3E4000

Square

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



3219B2



9C0000



004C00



005490

Rectangle

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



3219B2



A80049



004C00



005232

Sweetspot

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



3219B2



B6ACE8



199BB2



575175



F5F5F5



757575

Same Dimension

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



3219B2



2600E8



7C19B2



525059



190099



04001A

Inverse Universe

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



B21999



E800C2



4FB219



595058



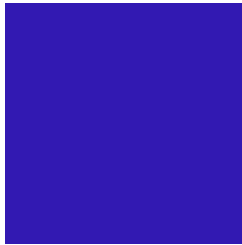
990080



1A0015

Previews

White Background



This preview shows how the Hex color 3219B2 looks on a white background.

Color Contrast Check

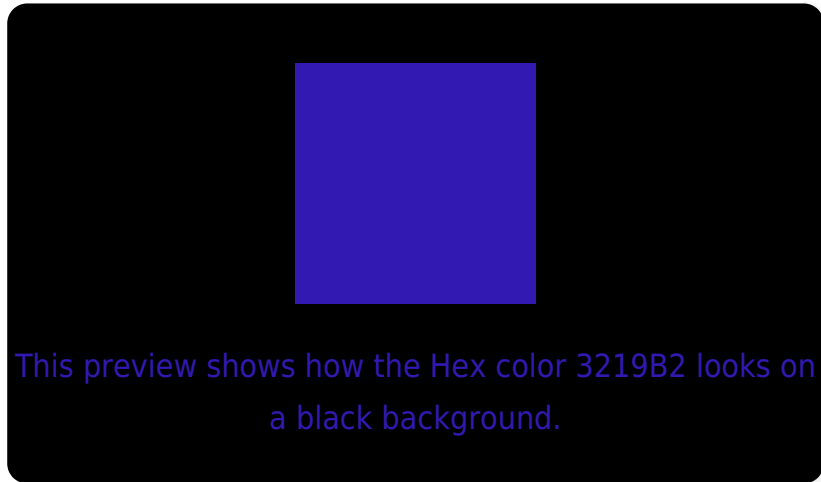
Large Text (above 18pt) WCAG AA ✓ Pass

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

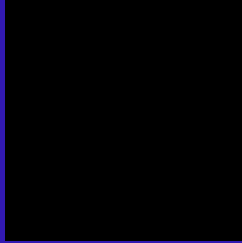
Any Text WCAG AA × Fail

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 3219B2 Background



This preview shows how black text looks on a background with the Hex color 3219B2.



This preview shows how white text looks on a background with the Hex color 3219B2.

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
3219B2

Protanopia
003B7C

Deuteranopia
003F69

Trichromacy



Original Color
3219B2

Protanomaly
122F90

Deuteranomaly
123184

Tritanomaly
12346F

Monochromacy



Original Color
3219B2

Achromatopsia
323232

Achromatomaly
322961

CSS Examples

Text

The CSS property to change the color of the text to Hex 3219B2 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 #3219B2 looks like.

```
.text, #text, p{  
    color:#3219B2  
}
```

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 #3219B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3219B2
}
```

Border

The CSS property to change the border of an element to Hex 3219B2 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".

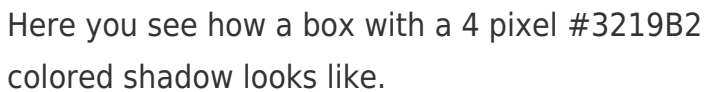
```
.border, #border, table{ border:4px solid
#3219B2 }
```

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

```
.border{ border-color:#3219B2 }
```

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

Here you see how a box with a 4 pixel #3219B2 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3219B2; -webkit-box-shadow:4px 4px  
4px 4px #3219B2; box-shadow:4px 4px 4px  
4px #3219B2 }
```

Background

The CSS property to change the background color of an element to Hex 3219B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3219B2 }
```

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

```
.background{ background-color:#3219B2 }
```

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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