

Converting Colors

Hex(3218B8)

Have a look what the booklet for
Hex(3218B8) contains.

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Color

Hex(3218B8)

Conversions

Conversions Part 1

Format	Color
Hex	3218B8
RGB	50, 24, 184
RGB Percent	20%, 9%, 72%
CMY	0.8039, 0.9059, 0.2784
CMYK	0.73, 0.87, 0.00, 0.28
HSL	250°, 77%, 41%
HSV	250°, 87%, 72%
XYZ	10.2938, 4.7921, 45.7298
YIQ	50.0140, -35.8640, 55.2720

Conversions

Conversions Part 2

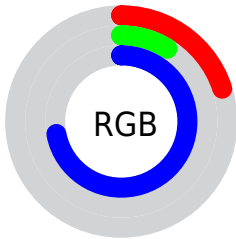
Format	Color
R_{YB}	50, 24, 184
Decimal	3283128
CIE _{Lab}	26.13, 56.72, -77.13
CIE _{LCh}	26, 95.741, 306.329
Yxy	4.7921, 0.1693, 0.0788
Android (android.graphics.Color)	4281473208 (0xFF3218B8)
YUV	50.0140, 66.0551, -0.0123
Hunter-Lab	21.8908, 45.6275, -108.5331

Details

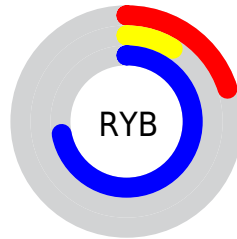
The Hex color **3218B8** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **9EB818**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **764CF1**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **2306B8**, and if you desaturate by 10%, it is **412AB8**.

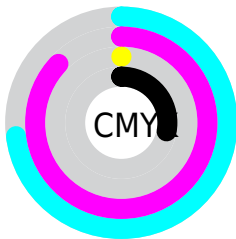
Distribution



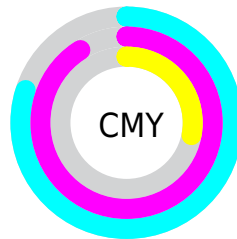
- Red (20%)
- Green (9%)
- Blue (72%)



- Red (20%)
- Yellow (9%)
- Blue (72%)



- Cyan (73%)
- Magenta (87%)
- Yellow (0%)
- Black (28%)



- Cyan (80%)
- Magenta (91%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3218B8 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 3218B8 by changing the saturation by 10% instead.


 3218B8

 3218B8

FFFFFF

 00009C

 764CF1

 000081

 9565FF

 000067

 B380FF

 000A4E

 D29AFF

 000536

 F0B6FF

 000220

 FFD2FF

 000004

 FFEFFF

 000000

 3218B8

 3218B8

■ 2306B8

■ 412AB8

■ 1E00B8

■ 513DB8

■ 604FB8

■ 7062B8

■ 7F74B8

■ 8E86B8

■ 9E99B8

■ ADABB8

■ BDBEB8

Harmonies

Analogous

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



0048D6



3218B8



98007A

Triad

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



3218B8



781C00



00544D

Complementary

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



3218B8



9EB818

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.



005200



3218B8



3F4100

Square

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



3218B8



A00000



004E00



005695

Rectangle

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



3218B8



AD004B



004E00



005333

Sweetspot

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



3218B8



BCB1F0



18A0B8



595378



F7F7F7



787878

Same Dimension

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



3218B8



2700F0



8018B8



54535C



19009C



05001C

Inverse Universe

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



B8189E



F000C9



50B818



5C535A



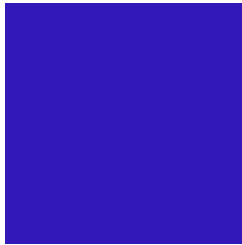
9C0082



1C0017

Previews

White Background



This preview shows how the Hex color 3218B8 looks on a white background.

Color Contrast Check

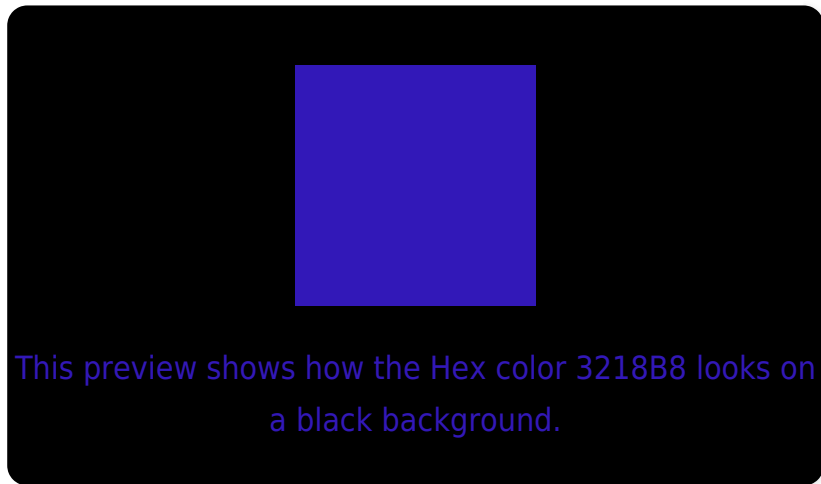
Large Text (above 18pt) WCAG AA ✓ Pass

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

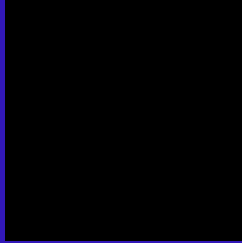
Any Text WCAG AA × Fail

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 3218B8 Background



This preview shows how black text looks on a background with the Hex color 3218B8.

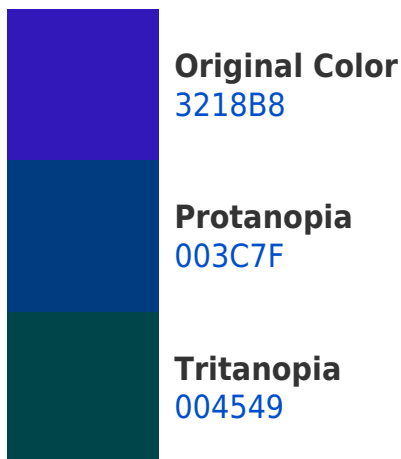


This preview shows how white text looks on a background with the Hex color 3218B8.

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



Trichromacy



Original Color
3218B8

Protanomaly
122F94

Tritanomaly
123571

Monochromacy



Original Color
3218B8

Achromatopsia
323232

Achromatomaly
322963

CSS Examples

Text

The CSS property to change the color of the text to Hex 3218B8 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 #3218B8 looks like.

```
.text, #text, p{  
    color:#3218B8  
}
```

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 #3218B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3218B8
}
```

Border

The CSS property to change the border of an element to Hex 3218B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

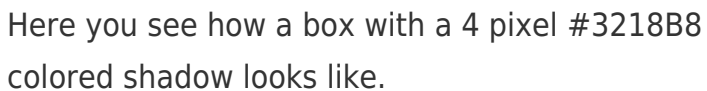
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3218B8 }
```

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

```
.border{ border-color:#3218B8 }
```

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



Here you see how a box with a 4 pixel #3218B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3218B8; -webkit-box-shadow:4px 4px  
4px 4px #3218B8; box-shadow:4px 4px 4px  
4px #3218B8 }
```

Background

The CSS property to change the background color of an element to Hex 3218B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3218B8 }
```

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

```
.background{ background-color:#3218B8 }
```

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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