

Converting Colors

Hex(3B14C8)

Have a look what the booklet for
Hex(3B14C8) contains.

Hex(3B14C8)	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>	28

Color

Hex(3B14C8)

Conversions

Conversions Part 1

Format	Color
Hex	3B14C8
RGB	59, 20, 200
RGB Percent	23%, 8%, 78%
CMY	0.7686, 0.9216, 0.2157
CMYK	0.70, 0.90, 0.00, 0.22
HSL	253°, 82%, 43%
HSV	253°, 90%, 78%
XYZ	12.4791, 5.6002, 55.0668
YIQ	52.1810, -34.5360, 64.2480

Conversions

Conversions Part 2

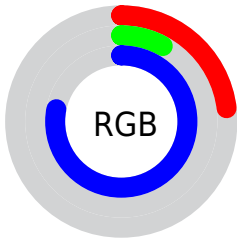
Format	Color
R _{YB}	59, 20, 200
Decimal	3871944
CIE Lab	28.38, 62.83, -82.83
CIE LCh	28, 103.962, 307.183
Yxy	5.6002, 0.1706, 0.0766
Android (android.graphics.Color)	4282062024 (0xFF3B14C8)
YUV	52.1810, 72.8748, 5.9803
Hunter-Lab	23.6648, 52.7144, -121.3992

Details

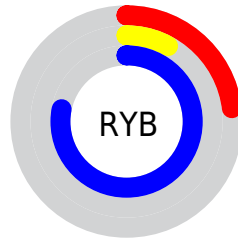
The Hex color **3B14C8** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A1C814**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **804CFF**, and **000090** is the 20% darker color. If you saturate the color by 10%, you get **2B00C8**, and if you desaturate by 10%, it is **4B28C8**.

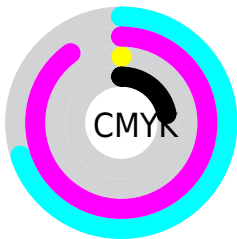
Distribution



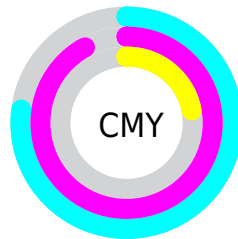
- Red (23%)
- Green (8%)
- Blue (78%)



- Red (23%)
- Yellow (8%)
- Blue (78%)



- Cyan (70%)
- Magenta (90%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (92%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B14C8 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 3B14C8 by changing the saturation by 10% instead.

■ 3B14C8

■ 3B14C8

FFFFFF

■ 0000AC

■ 804CFF

■ 000090

■ 9F66FF

■ 000076

■ BE80FF

■ 00045C

■ DD9CFF

■ 000743

■ FCB7FF

■ 00032C

■ FFD4FF

■ 000116

■ FFF1FF

■ 000000

■ 3B14C8

■ 3B14C8

 2B00C8

 4B28C8

 5A3CC8

 6A50C8

 7A64C8

 8978C8

 998CC8

 A9A0C8

 B8B4C8

 C8C8C8

Harmonies

Analogous

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



004DEA



3B14C8



A70083

Triad

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



3B14C8



811F00



005B56

Complementary

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



3B14C8



A1C814

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.



005900



3B14C8



414700

Square

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



3B14C8



AE0000



005400



005EA5

Rectangle

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



3B14C8



BD004F



005400



005A39

Sweetspot

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



3B14C8



C9BAFF



14A1C8



605780



000000



808080

Same Dimension

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



3B14C8



3700FF



9514C8



5C5A63



2300A3



080024

Inverse Universe

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



C814A1



FF00C8



47C814



635A61



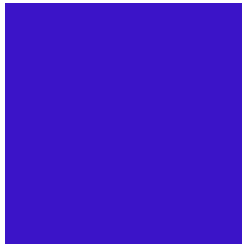
A30080



24001C

Previews

White Background



This preview shows how the Hex color 3B14C8 looks on a white background.

Color Contrast Check

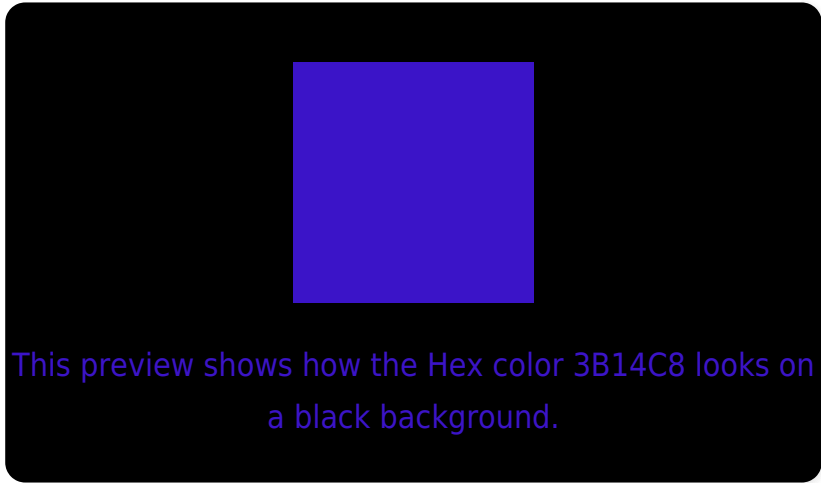
Large Text (above 18pt) WCAG AA ✓ Pass

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

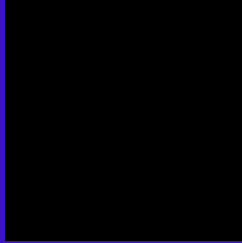
Any Text WCAG AA × Fail

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 3B14C8 Background



This preview shows how black text looks on a background with the Hex color 3B14C8.

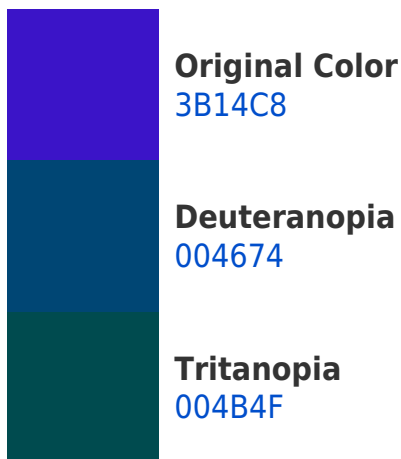


This preview shows how white text looks on a background with the Hex color 3B14C8.

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
3B14C8

Deuteranomaly
153493

Tritanomaly
15377B

Monochromacy



Original Color
3B14C8

Achromatopsia
343434

Achromatomaly
37286A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B14C8 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 #3B14C8 looks like.

```
.text, #text, p{  
    color:#3B14C8  
}
```

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 #3B14C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B14C8
}
```

Border

The CSS property to change the border of an element to Hex 3B14C8 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
#3B14C8 }
```

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

```
.border{ border-color:#3B14C8 }
```

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

Here you see how a box with a 4 pixel #3B14C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B14C8; -webkit-box-shadow:4px 4px  
4px 4px #3B14C8; box-shadow:4px 4px 4px  
4px #3B14C8 }
```

Background

The CSS property to change the background color of an element to Hex 3B14C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B14C8 }
```

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

```
.background{ background-color:#3B14C8 }
```

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