

Converting Colors

Hex(3B14D3)

Have a look what the booklet for
Hex(3B14D3) contains.

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Color

Hex(3B14D3)

Conversions

Conversions Part 1

Format	Color
Hex	3B14D3
RGB	59, 20, 211
RGB Percent	23%, 8%, 83%
CMY	0.7686, 0.9216, 0.1725
CMYK	0.72, 0.91, 0.00, 0.17
HSL	252°, 83%, 45%
HSV	252°, 91%, 83%
XYZ	13.8117, 6.1333, 62.0839
YIQ	53.4350, -38.0670, 67.6690

Conversions

Conversions Part 2

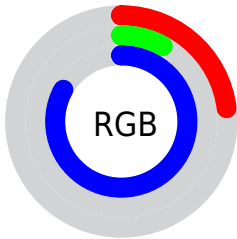
Format	Color
RYB	59, 20, 211
Decimal	3871955
CIELab	29.75, 65.69, -86.97
CIELCh	30, 108.991, 307.062
Yxy	6.1333, 0.1684, 0.0748
Android (android.graphics.Color)	4282062035 (0xFF3B14D3)
YUV	53.4350, 77.6795, 4.8805
Hunter-Lab	24.7654, 56.2098, -131.2969

Details

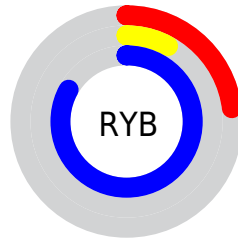
The Hex color **3B14D3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **ACD314**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **824DFF**, and **00009B** is the 20% darker color. If you saturate the color by 10%, you get **2B00D3**, and if you desaturate by 10%, it is **4C29D3**.

Distribution



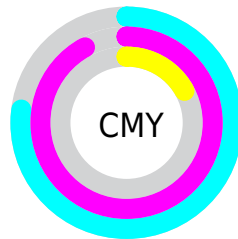
- Red (23%)
- Green (8%)
- Blue (83%)



- Red (23%)
- Yellow (8%)
- Blue (83%)



- Cyan (72%)
- Magenta (91%)
- Yellow (0%)
- Black (17%)






- Cyan (77%)
- Magenta (92%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B14D3 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 3B14D3 by changing the saturation by 10% instead.

 3B14D3	 3B14D3
 FFFFFFFF	 0000B6
 824DFF	 00009B
 A267FF	 000080
 C182FF	 000065
 E09DFF	 00094C
 FFB9FF	 000534
 FFD6FF	 00021E
 FFF3FF	 000001
	 000000

■ 3B14D3

■ 3B14D3

■ 2B00D3

■ 4C29D3

■ 5D3ED3

■ 6D53D3

■ 7E68D3

■ 8F7DD3

■ A093D3

■ B1A8D3

■ C1BDD3

■ D2D2D3

Harmonies

Analogous

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



0051F7



3B14D3



B0008A

Triad

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



3B14D3



881F00



005F59

Complementary

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



3B14D3



ACD314

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.



005D00



3B14D3



454A00

Square

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



3B14D3



B70000



005800



0062AE

Rectangle

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



3B14D3



C70053



005800



005E3B

Sweetspot

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



3B14D3



C8BAFF



14ADD3



5F5780



000000



808080

Same Dimension

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



3B14D3



3400FF



9A14D3



605E69



2200A8



080029

Inverse Universe

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



D314AC



FF00CB



4DD314



695E66



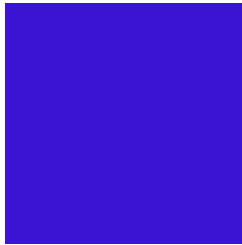
A80086



290020

Previews

White Background



This preview shows how the Hex color 3B14D3 looks on a white background.

Color Contrast Check

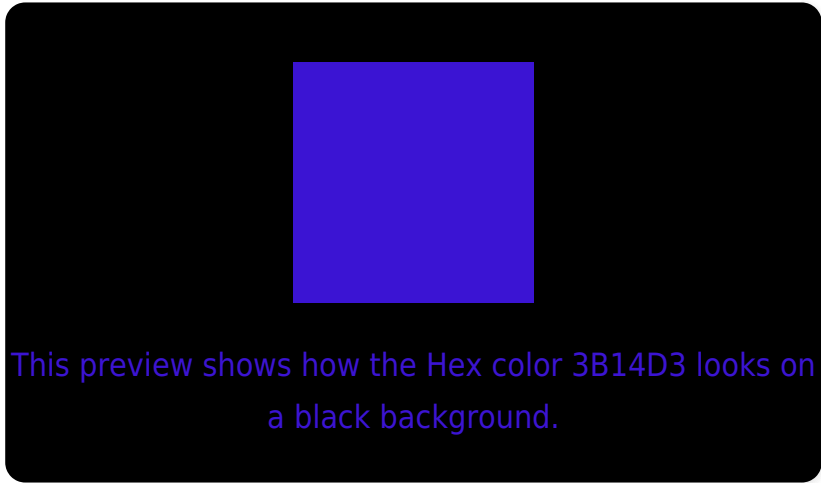
Large Text (above 18pt) WCAG AA ✓ Pass

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

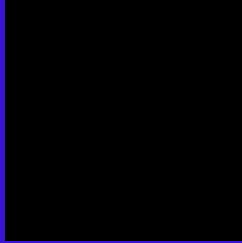
Any Text WCAG AA × Fail

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 3B14D3 Background



This preview shows how black text looks on a background with the Hex color 3B14D3.



This preview shows how white text looks on a background with the Hex color 3B14D3.

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
3B14D3

Protanopia
00448F

Deuteranopia
004979



Tritanopia
004E53

Trichromacy



Original Color
3B14D3

Protanomaly
1533A8

Deuteranomaly
15369A

Tritanomaly
153982

Monochromacy



Original Color
3B14D3

Achromatopsia
353535

Achromatomaly
37296E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B14D3 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 #3B14D3 looks like.

```
.text, #text, p{  
    color:#3B14D3  
}
```

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 #3B14D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B14D3
}
```

Border

The CSS property to change the border of an element to Hex 3B14D3 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
#3B14D3 }
```

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

```
.border{ border-color:#3B14D3 }
```

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

Here you see how a box with a 4 pixel #3B14D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B14D3; -webkit-box-shadow:4px 4px  
4px 4px #3B14D3; box-shadow:4px 4px 4px  
4px #3B14D3 }
```

Background

The CSS property to change the background color of an element to Hex 3B14D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B14D3 }
```

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

```
.background{ background-color:#3B14D3 }
```

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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