

Converting Colors

Hex(3119BE)

Have a look what the booklet for
Hex(3119BE) contains.

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Color

Hex(3119BE)

Conversions

Conversions Part 1

Format	Color
Hex	3119BE
RGB	49, 25, 190
RGB Percent	19%, 10%, 75%
CMY	0.8078, 0.9020, 0.2549
CMYK	0.74, 0.87, 0.00, 0.25
HSL	249°, 77%, 42%
HSV	249°, 87%, 75%
XYZ	10.9085, 5.0659, 49.1181
YIQ	50.9860, -38.6610, 56.4030

Conversions

Conversions Part 2

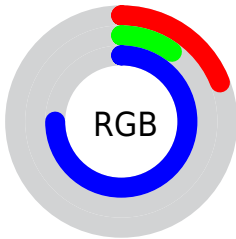
Format	Color
R _Y B	49, 25, 190
Decimal	3217854
CIE Lab	26.92, 57.98, -79.38
CIE LCh	27, 98.302, 306.142
Yxy	5.0659, 0.1676, 0.0778
Android (android.graphics.Color)	4281407934 (0xFF3119BE)
YUV	50.9860, 68.5339, -1.7417
Hunter-Lab	22.5076, 47.1232, -113.6324

Details

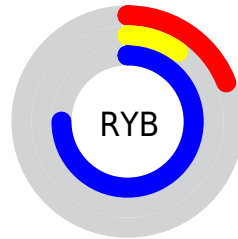
The Hex color **3119BE** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **A6BE19**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **774DF8**, and **000087** is the 20% darker color. If you saturate the color by 10%, you get **2106BE**, and if you desaturate by 10%, it is **412CBE**.

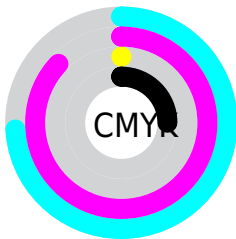
Distribution



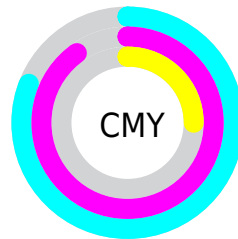
- Red (19%)
- Green (10%)
- Blue (75%)



- Red (19%)
- Yellow (10%)
- Blue (75%)



- Cyan (74%)
- Magenta (87%)
- Yellow (0%)
- Black (25%)





- Cyan (81%)
- Magenta (90%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3119BE 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 3119BE by changing the saturation by 10% instead.

 3119BE

 3119BE

FFFFFF

 0000A2

 774DF8

 000087

 9667FF

 00006D

 B481FF

 000A53

 D39CFF

 00063B

 F2B7FF


 000224


 FFD4FF

 00000C

 FFF0FF

 000000

 3119BE

 3119BE

■ 2106BE

■ 412CBE

■ 1C00BE

■ 513FBE

■ 6252BE

■ 7265BE

■ 8278BE

■ 928BBE

■ A39EBE

■ B3B1BE

■ C3C4BE

Harmonies

Analogous

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



004ADD



3119BE



9C007E

Triad

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



3119BE



7C1C00



00564E

Complementary

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



3119BE



A6BE19

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.



005400



3119BE



414300

Square

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



3119BE



A50000



005000



00599A

Rectangle

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



3119BE



B2004D



005000



005634

Sweetspot

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



3119BE



C0B7F7



19A8BE



5C567D



FCFCFC



7D7D7D

Same Dimension

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



3119BE



2400F7



8219BE



56555E



17009E



04001F

Inverse Universe

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



BE19A6



F700D3



56BE19



5E555D



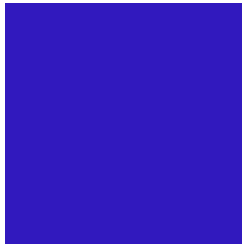
9E0087



1F001A

Previews

White Background



This preview shows how the Hex color 3119BE looks on a white background.

Color Contrast Check

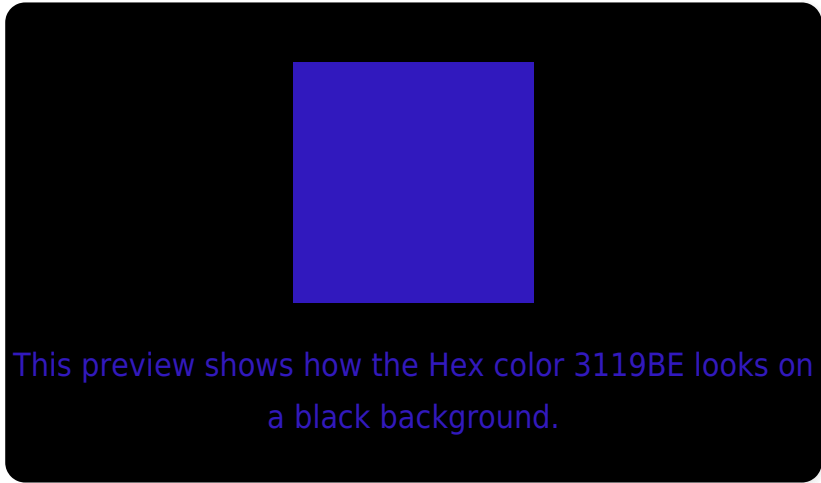
Large Text (above 18pt) WCAG AA ✓ Pass

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

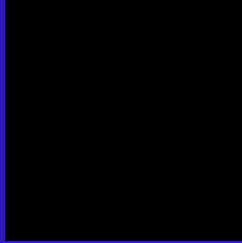
Any Text WCAG AA × Fail

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 3119BE Background



This preview shows how black text looks on a background with the Hex color 3119BE.



This preview shows how white text looks on a background with the Hex color 3119BE.

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
3119BE

Protanopia
003E82

Deuteranopia
00426E



Tritanopia
00474B

Trichromacy



Original Color
3119BE

Protanomaly
123198

Deuteranomaly
12338B

Tritanomaly
123675

Monochromacy



Original Color
3119BE

Achromatopsia
333333

Achromatomaly
322A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 3119BE 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 #3119BE looks like.

```
.text, #text, p{  
    color:#3119BE  
}
```

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 #3119BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3119BE }  
}
```

Border

The CSS property to change the border of an element to Hex 3119BE 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 #3119BE }  
}
```

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

```
.border{ border-color:#3119BE }
```

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

Here you see how a box with a 4 pixel #3119BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3119BE; -webkit-box-shadow:4px 4px  
4px 4px #3119BE; box-shadow:4px 4px 4px  
4px #3119BE }
```

Background

The CSS property to change the background color of an element to Hex 3119BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3119BE }
```

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

```
.background{ background-color:#3119BE }
```

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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