

Converting Colors

Hex(3113BE)

Have a look what the booklet for
Hex(3113BE) contains.

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Color

Hex(3113BE)

Conversions

Conversions Part 1

Format	Color
Hex	3113BE
RGB	49, 19, 190
RGB Percent	19%, 7%, 75%
CMY	0.8078, 0.9255, 0.2549
CMYK	0.74, 0.90, 0.00, 0.25
HSL	251°, 82%, 41%
HSV	251°, 90%, 75%
XYZ	10.7938, 4.8364, 49.0798
YIQ	47.4640, -37.0110, 59.5410

Conversions

Conversions Part 2

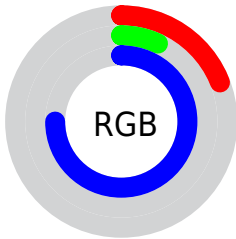
Format	Color
R _Y B	49, 19, 190
Decimal	3216318
CIE Lab	26.26, 59.96, -80.48
CIE LCh	26, 100.360, 306.687
Yxy	4.8364, 0.1668, 0.0747
Android (android.graphics.Color)	4281406398 (0xFF3113BE)
YUV	47.4640, 70.2702, 1.3471
Hunter-Lab	21.9919, 49.1233, -116.9248




Details

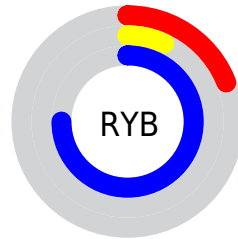
The Hex color **3113BE** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **A0BE13**, and the grayscale version is **2F2F2F**.




A 20% lighter version of the original color is **7749F8**, and **000087** is the 20% darker color. If you saturate the color by 10%, you get **2100BE**, and if you desaturate by 10%, it is **4126BE**.

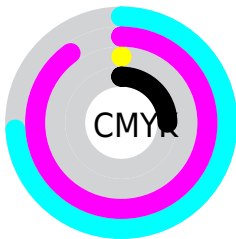
Distribution







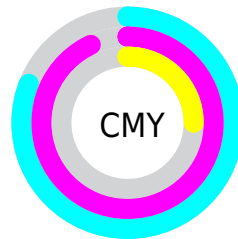
-  Red (19%)
-  Green (7%)
-  Blue (75%)






-  Red (19%)
-  Yellow (7%)
-  Blue (75%)



-  Cyan (74%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (25%)





-  Cyan (81%)
-  Magenta (93%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3113BE 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 3113BE by changing the saturation by 10% instead.


 3113BE

 3113BE

FFFFFF

 0000A2

 7749F8

 000087

 9663FF

 00006D

 B57DFF

 000B53

 D498FF

 00063B

 F2B4FF


 000224


 FFD0FF

 00000C

 FFEDFF

 000000

 3113BE

 3113BE

■ 2100BE

■ 4126BE

■ 5039BE

■ 604CBE

■ 705FBE

■ 7F72BE

■ 8F85BE

■ 9F98BE

■ AEABBE

■ BEBEBE

Harmonies

Analogous

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



0049DE



3113BE



9D007D

Triad

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



3113BE



7A1A00



00554F

Complementary

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



3113BE



A0BE13

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.



005300



3113BE



3E4200

Square

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



3113BE



A40000



004F00



00579B

Rectangle

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



3113BE



B2004B



004F00



005433

Sweetspot

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



3113BE



C0B5F7



13A1BE



5C557D



FCFCFC



7D7D7D

Same Dimension

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



3113BE



2B00F7



8513BE



57555E



1C009E



05001F

Inverse Universe

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



BE13A0



F700CC



4CBE13



5E555D



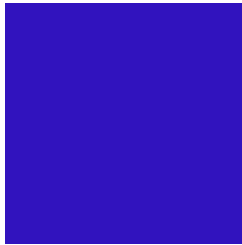
9E0082



1F0019

Previews

White Background



This preview shows how the Hex color 3113BE looks on a white background.

Color Contrast Check

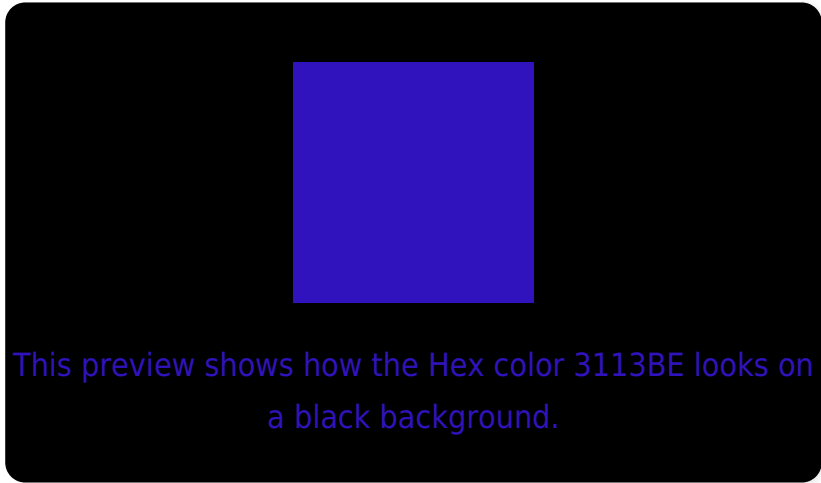
Large Text (above 18pt) WCAG AA ✓ Pass

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

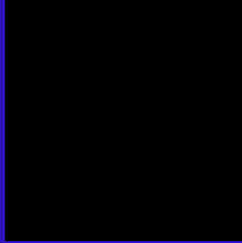
Any Text WCAG AA × Fail

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 3113BE Background



This preview shows how black text looks on a background with the Hex color 3113BE.



This preview shows how white text looks on a background with the Hex color 3113BE.

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
3113BE

Protanopia
003D7F

Deuteranopia
00416C



Tritanopia
00464A

Trichromacy



Original Color
3113BE

Protanomaly
122E96

Deuteranomaly
12308A

Tritanomaly
123374

Monochromacy



Original Color
3113BE

Achromatopsia
2F2F2F

Achromatomaly
302563

CSS Examples

Text

The CSS property to change the color of the text to Hex 3113BE 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 #3113BE looks like.

```
.text, #text, p{  
    color:#3113BE  
}
```

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 #3113BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3113BE
}
```

Border

The CSS property to change the border of an element to Hex 3113BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

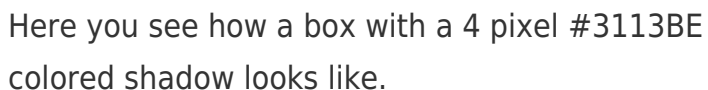
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3113BE }
```

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

```
.border{ border-color:#3113BE }
```

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



Here you see how a box with a 4 pixel #3113BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3113BE; -webkit-box-shadow:4px 4px  
4px 4px #3113BE; box-shadow:4px 4px 4px  
4px #3113BE }
```

Background

The CSS property to change the background color of an element to Hex 3113BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3113BE }
```

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

```
.background{ background-color:#3113BE }
```

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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