

Converting Colors

Hex(3B27CD)

Have a look what the booklet for
Hex(3B27CD) contains.

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Color

Hex(3B27CD)

Conversions

Conversions Part 1

Format	Color
Hex	3B27CD
RGB	59, 39, 205
RGB Percent	23%, 15%, 80%
CMY	0.7686, 0.8471, 0.1961
CMYK	0.71, 0.81, 0.00, 0.20
HSL	247°, 68%, 48%
HSV	247°, 81%, 80%
XYZ	13.5486, 6.7886, 58.3539
YIQ	63.9040, -41.3660, 55.8660

Conversions

Conversions Part 2

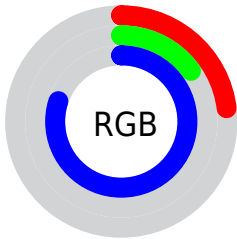
Format	Color
R_{YB}	59, 39, 205
Decimal	3876813
CIE _{Lab}	31.32, 57.22, -80.87
CIE _{LCh}	31, 99.064, 305.283
Yxy	6.7886, 0.1722, 0.0863
Android (android.graphics.Color)	4282066893 (0xFF3B27CD)
YUV	63.9040, 69.5603, -4.3008
Hunter-Lab	26.0550, 47.2238, -114.5499

Details

The Hex color **3B27CD** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B9CD27**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8059FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **2913CD**, and if you desaturate by 10%, it is **4D3CCD**.

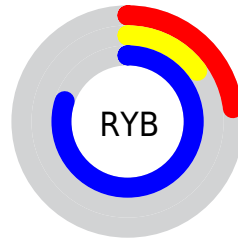
Distribution



Red (23%)

Green (15%)

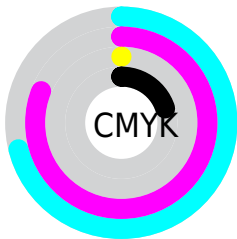
Blue (80%)



Red (23%)

Yellow (15%)

Blue (80%)

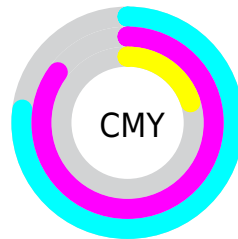


Cyan (71%)

Magenta (81%)

Yellow (0%)

Black (20%)



Cyan (77%)

Magenta (85%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B27CD 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 3B27CD by changing the saturation by 10% instead.

 3B27CD

 3B27CD

FFFFFF

 000BB1

 8059FF

 000095

 9F73FF

 00007A

 BE8EFF

 000060

 DCA9FF

 000847

 FBC5FF

 000430

 FFE1FF

 00011A

FFFEFF

 000000

 3B27CD

 3B27CD

■ 2913CD

■ 4D3CCD

■ 1900CD

■ 5F50CD

■ 7165CD

■ 8379CD

■ 958ECD

■ A7A2CD

■ B9B7CD

■ CBCBCD

■ DDE0CD

Harmonies

Analogous

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



0054EB



3B27CD



A9008D

Triad

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



3B27CD



8B2500



006256

Complementary

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



3B27CD



B9CD27

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.



006000



3B27CD



4F4C00

Square

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



3B27CD



B60000



005B00



0064A4

Rectangle

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



3B27CD



C0005A



005B00



00623B

Sweetspot

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



3B27CD



C9C2FF



27BACD



5F5B80



000000



808080

Same Dimension

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



3B27CD



2508FF



8D27CD



5D5C66



1400A6



050026

Inverse Universe

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



CD27B9



FF08E1



67CD27



665C65



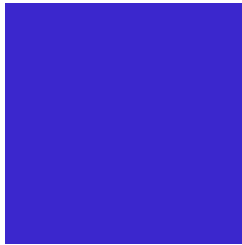
A60092



260022

Previews

White Background



This preview shows how the Hex color 3B27CD looks on a white background.

Color Contrast Check

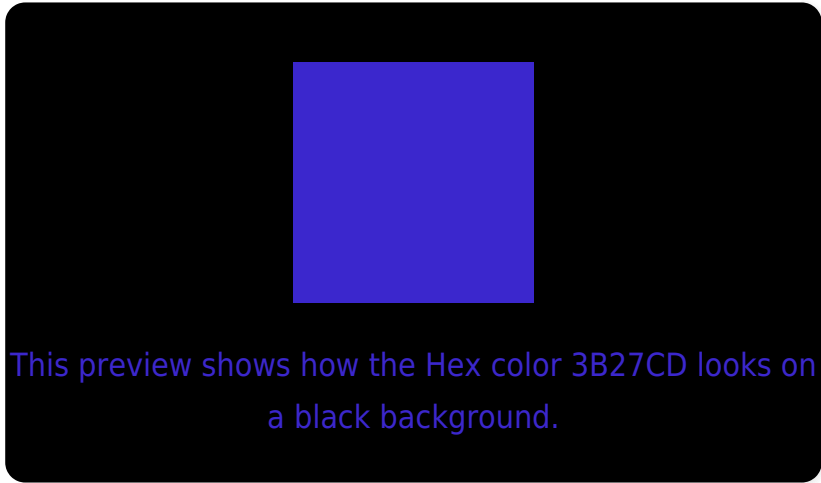
Large Text (above 18pt) WCAG AA ✓ Pass

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

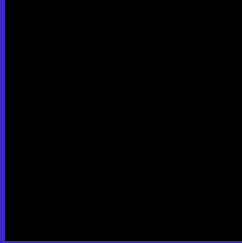
Any Text WCAG AA × Fail

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 3B27CD Background



This preview shows how black text looks on a background with the Hex color 3B27CD.



This preview shows how white text looks on a background with the Hex color 3B27CD.

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
3B27CD

Protanopia
004795

Deuteranopia
004C7F

Trichromacy



Original Color
3B27CD



Protanomaly
153BA9



Deuteranomaly
153F9B



Tritanomaly
154282

Monochromacy



Original Color
3B27CD



Achromatopsia
404040



Achromatomaly
3E3773

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B27CD 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 #3B27CD looks like.

```
.text, #text, p{  
    color:#3B27CD  
}
```

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 #3B27CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B27CD
}
```

Border

The CSS property to change the border of an element to Hex 3B27CD 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
#3B27CD }
```

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

```
.border{ border-color:#3B27CD }
```

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

Here you see how a box with a 4 pixel #3B27CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B27CD; -webkit-box-shadow:4px 4px  
4px 4px #3B27CD; box-shadow:4px 4px 4px  
4px #3B27CD }
```

Background

The CSS property to change the background color of an element to Hex 3B27CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B27CD }
```

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

```
.background{ background-color:#3B27CD }
```

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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