

Converting Colors

Hex(3D2CB7)

Have a look what the booklet for
Hex(3D2CB7) contains.

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Color

Hex(3D2CB7)

Conversions

Conversions Part 1

Format	Color
Hex	3D2CB7
RGB	61, 44, 183
RGB Percent	24%, 17%, 72%
CMY	0.7608, 0.8275, 0.2824
CMYK	0.67, 0.76, 0.00, 0.28
HSL	247°, 61%, 45%
HSV	247°, 76%, 72%
XYZ	11.3724, 6.2124, 45.3995
YIQ	64.9290, -34.4870, 46.8330

Conversions

Conversions Part 2

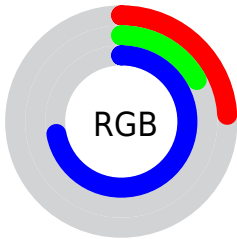
Format	Color
R_{YB}	61, 44, 183
Decimal	4009143
CIE _{Lab}	29.94, 48.36, -70.20
CIE _{LCh}	30, 85.246, 304.558
Yxy	6.2124, 0.1806, 0.0986
Android (android.graphics.Color)	4282199223 (0xFF3D2CB7)
YUV	64.9290, 58.2090, -3.4457
Hunter-Lab	24.9246, 37.8264, -90.5478

Details

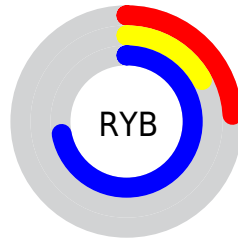
The Hex color **3D2CB7** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **A6B72C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7C5DF0**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **2D1AB7**, and if you desaturate by 10%, it is **4D3EB7**.

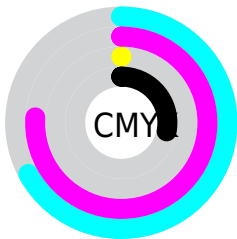
Distribution



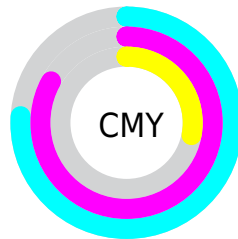
- Red (24%)
- Green (17%)
- Blue (72%)



- Red (24%)
- Yellow (17%)
- Blue (72%)



- Cyan (67%)
- Magenta (76%)
- Yellow (0%)
- Black (28%)



- Cyan (76%)
- Magenta (83%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2CB7 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 3D2CB7 by changing the saturation by 10% instead.

■ 3D2CB7

■ 3D2CB7

FFFFFF

■ 0E149B

■ 7C5DF0

■ 000081

■ 9A76FF

■ 000067

■ B890FF

■ 00064D

■ D6ABFF

■ 000536

■ F4C7FF

■ 00021F

■ FFE3FF

■ 000003

■ 000000

■ 3D2CB7

■ 3D2CB7

■ 2D1AB7

■ 4D3EB7

■ 1D07B7

■ 5D51B7

■ 1600B7

■ 6D63B7

■ 7D75B7

■ 8D88B7

■ 9D9AB7

■ ADACB7

■ BDBEB7

■ CED1B7

Harmonies

Analogous

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



004FD0



3D2CB7



970081

Triad

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



3D2CB7



822800



005D50

Complementary

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



3D2CB7



A6B72C

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.



005B00



3D2CB7



4E4800

Square

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



3D2CB7



A60000



005500



005E92

Rectangle

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



3D2CB7



AD0056



005500



005C38

Sweetspot

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



3D2CB7



BDB7ED



2CA7B7



5A5678



F7F7F7



787878

Same Dimension

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



3D2CB7



3015ED



822CB7



54535C



13009C



03001C

Inverse Universe

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



B72CA6



ED15D3



61B72C



5C535B



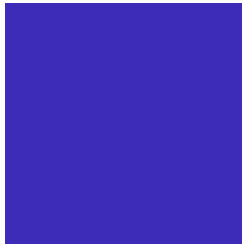
9C0089



1C0019

Previews

White Background



This preview shows how the Hex color 3D2CB7 looks on a white background.

Color Contrast Check

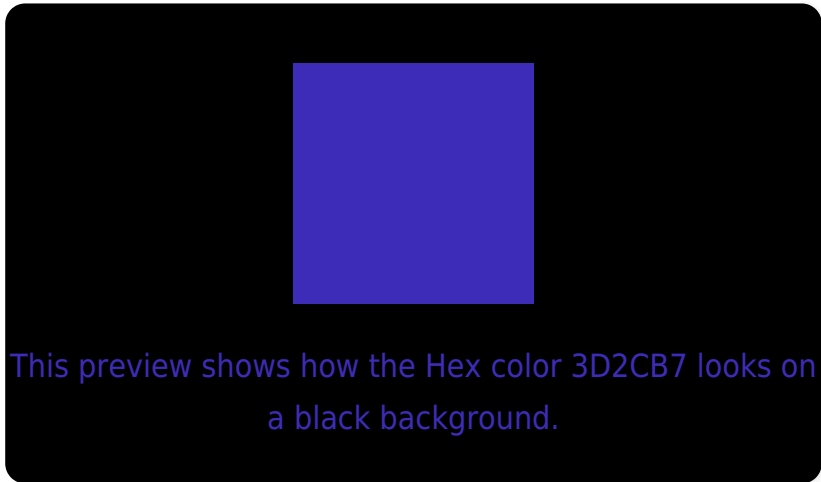
Large Text (above 18pt) WCAG AA ✓ Pass

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

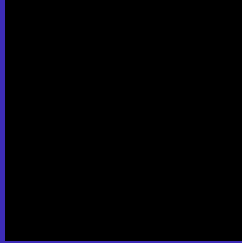
Any Text WCAG AA × Fail

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 3D2CB7 Background



This preview shows how black text looks on a background with the Hex color 3D2CB7.



This preview shows how white text looks on a background with the Hex color 3D2CB7.

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](#).

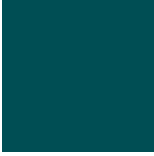
Dichromacy



Original Color
3D2CB7

Protanopia
00448F

Deuteranopia
00497A



Tritanopia
004E54

Trichromacy



Original Color
3D2CB7



Protanomaly
163B9E



Deuteranomaly
163E90



Tritanomaly
164278

Monochromacy



Original Color
3D2CB7



Achromatopsia
414141



Achromatomaly
40396C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2CB7 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 #3D2CB7 looks like.

```
.text, #text, p{  
    color:#3D2CB7  
}
```

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 #3D2CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2CB7
}
```

Border

The CSS property to change the border of an element to Hex 3D2CB7 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
#3D2CB7 }
```

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

```
.border{ border-color:#3D2CB7 }
```

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

Here you see how a box with a 4 pixel #3D2CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2CB7; -webkit-box-shadow:4px 4px  
4px 4px #3D2CB7; box-shadow:4px 4px 4px  
4px #3D2CB7 }
```

Background

The CSS property to change the background color of an element to Hex 3D2CB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2CB7 }
```

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

```
.background{ background-color:#3D2CB7 }
```

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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