

Converting Colors

Hex(3D1BB7)

Have a look what the booklet for
Hex(3D1BB7) contains.

Hex(3D1BB7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D1BB7)

Conversions

Conversions Part 1

Format	Color
Hex	3D1BB7
RGB	61, 27, 183
RGB Percent	24%, 11%, 72%
CMY	0.7608, 0.8941, 0.2824
CMYK	0.67, 0.85, 0.00, 0.28
HSL	253°, 74%, 41%
HSV	253°, 85%, 72%
XYZ	10.8636, 5.1949, 45.2299
YIQ	54.9500, -29.8120, 55.7240

Conversions

Conversions Part 2

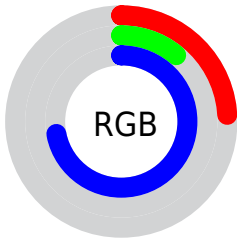
Format	Color
R_{YB}	61, 27, 183
Decimal	4004791
CIE _{Lab}	27.28, 56.09, -74.60
CIE _{LCh}	27, 93.335, 306.936
Yxy	5.1949, 0.1773, 0.0848
Android (android.graphics.Color)	4282194871 (0xFF3D1BB7)
YUV	54.9500, 63.1287, 5.3058
Hunter-Lab	22.7922, 45.1934, -101.7030

Details

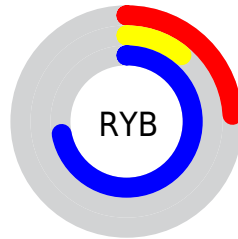
The Hex color **3D1BB7** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **95B71B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **7D4FF0**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **2F09B7**, and if you desaturate by 10%, it is **4B2DB7**.

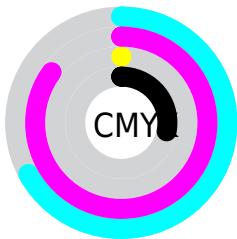
Distribution



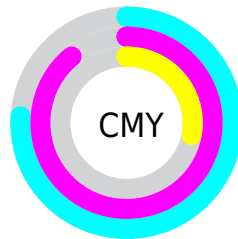
- Red (24%)
- Green (11%)
- Blue (72%)



- Red (24%)
- Yellow (11%)
- Blue (72%)



- Cyan (67%)
- Magenta (85%)
- Yellow (0%)
- Black (28%)



- Cyan (76%)
- Magenta (89%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1BB7 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 3D1BB7 by changing the saturation by 10% instead.

 3D1BB7

 3D1BB7

FFFFFF

 0B009B

 7D4FF0

 000080

 9B68FF

 000066

 BA83FF

 00094D

 D89EFF

 000535

 F6B9FF

 00021F

 FFD6FF

 000002

 FFF2FF

 000000

 3D1BB7

 3D1BB7

■ 2F09B7

■ 4B2DB7

■ 2800B7

■ 5A40B7

■ 6852B7

■ 7664B7

■ 8576B7

■ 9389B7

■ A19BB7

■ AFADB7

■ BEC0B7

Harmonies

Analogous

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



0049D5



3D1BB7



9A007A

Triad

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



3D1BB7



7A2200



005750

Complementary

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



3D1BB7



95B71B

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.



005500



3D1BB7



414400

Square

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



3D1BB7



A20000



005000



005997

Rectangle

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



3D1BB7



AE004B



005000



005637

Sweetspot

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



3D1BB7



BDAFED



1B95B7



5B5378



F7F7F7



787878

Same Dimension

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



3D1BB7



3400ED



8B1BB7



55535C



22009C



06001C

Inverse Universe

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



B71B95



ED00B9



47B71B



5C535A



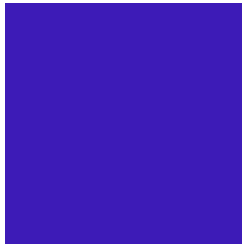
9C007A



1C0016

Previews

White Background



This preview shows how the Hex color 3D1BB7 looks on a white background.

Color Contrast Check

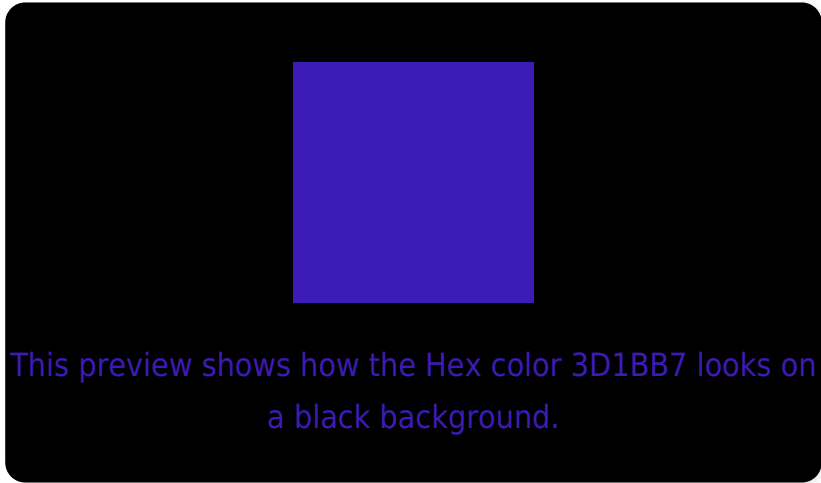
Large Text (above 18pt) WCAG AA ✓ Pass

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

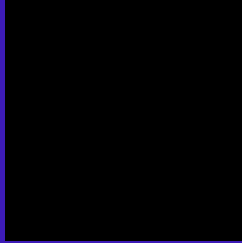
Any Text WCAG AA × Fail

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 3D1BB7 Background



This preview shows how black text looks on a background with the Hex color 3D1BB7.



This preview shows how white text looks on a background with the Hex color 3D1BB7.

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





Tritanopia
00484D

Trichromacy



Original Color
3D1BB7

Protanomaly
163297

Deuteranomaly
16348A

Tritanomaly
163874

Monochromacy



Original Color
3D1BB7

Achromatopsia
373737

Achromatomaly
392D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1BB7 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 #3D1BB7 looks like.

```
.text, #text, p{  
    color:#3D1BB7  
}
```

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 #3D1BB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1BB7
}
```

Border

The CSS property to change the border of an element to Hex 3D1BB7 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
#3D1BB7 }
```

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

```
.border{ border-color:#3D1BB7 }
```

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

Here you see how a box with a 4 pixel #3D1BB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1BB7; -webkit-box-shadow:4px 4px  
4px 4px #3D1BB7; box-shadow:4px 4px 4px  
4px #3D1BB7 }
```

Background

The CSS property to change the background color of an element to Hex 3D1BB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1BB7 }
```

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

```
.background{ background-color:#3D1BB7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor