

Converting Colors

Hex(3317B4)

Have a look what the booklet for
Hex(3317B4) contains.

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Color

Hex(3317B4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3317B4 |
| RGB | 51, 23, 180 |
| RGB Percent | 20%, 9%, 71% |
| CMY | 0.8000, 0.9098, 0.2941 |
| CMYK | 0.72, 0.87, 0.00, 0.29 |
| HSL | 251°, 77%, 40% |
| HSV | 251°, 87%, 71% |
| XYZ | 9.9099, 4.6119, 43.5479 |
| YIQ | 49.2700, -33.7090, 54.7630 |

Conversions

Conversions Part 2

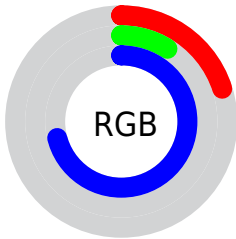
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 51, 23, 180 |
| Decimal | 3348404 |
| CIELab | 25.60, 56.02, -75.63 |
| CIELCh | 26, 94.123, 306.529 |
| Yxy | 4.6119, 0.1707, 0.0794 |
| Android (android.graphics.Color) | 4281538484 (0xFF3317B4) |
| YUV | 49.2700, 64.4499, 1.5172 |
| Hunter-Lab | 21.4753, 44.7877, -105.1963 |

Details

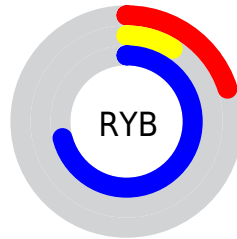
The Hex color **3317B4** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **98B417**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **764BED**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **2405B4**, and if you desaturate by 10%, it is **4229B4**.

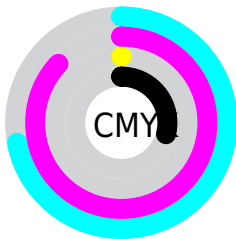
Distribution



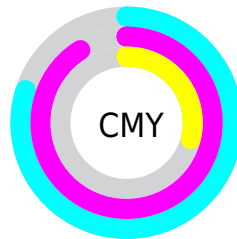
- Red (20%)
- Green (9%)
- Blue (71%)



- Red (20%)
- Yellow (9%)
- Blue (71%)



- Cyan (72%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3317B4 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 3317B4 by changing the saturation by 10% instead.

■ 3317B4

■ 3317B4

FFFFFF

■ 000098

■ 764BED

■ 00007E

■ 9464FF

■ 000064

■ B37FFF

■ 00094A

■ D199FF

■ 000433

■ EFB5FF

■ 00021D

■ FFD1FF

■ 000000

■ FFEFFF

■ 3317B4

■ 3317B4

■ 2405B4

■ 4229B4

■ 2000B4

■ 513BB4

■ 5F4DB4

■ 6E5FB4

■ 7D71B4

■ 8C83B4

■ 9B95B4

■ A9A7B4

■ B8B9B4

Harmonies

Analogous

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



0046D2



3317B4



950077

Triad

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



3317B4



761C00



00534C

Complementary

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



3317B4



98B417

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.



005000



3317B4



3D4000

Square

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



3317B4



9D0000



004C00



005593

Rectangle

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



3317B4



AA0049



004C00



005232

Sweetspot

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



3317B4



B8AEEB



179AB4



575175



F5F5F5



757575

Same Dimension

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



3317B4



2A00EB



8017B4



525059



1B0099



05001A

Inverse Universe

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



B41798



EB00C1



4BB417



595058



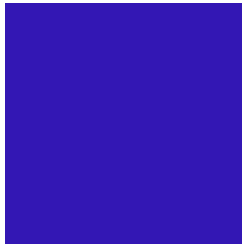
99007E



1A0015

Previews

White Background



This preview shows how the Hex color 3317B4 looks on a white background.

Color Contrast Check

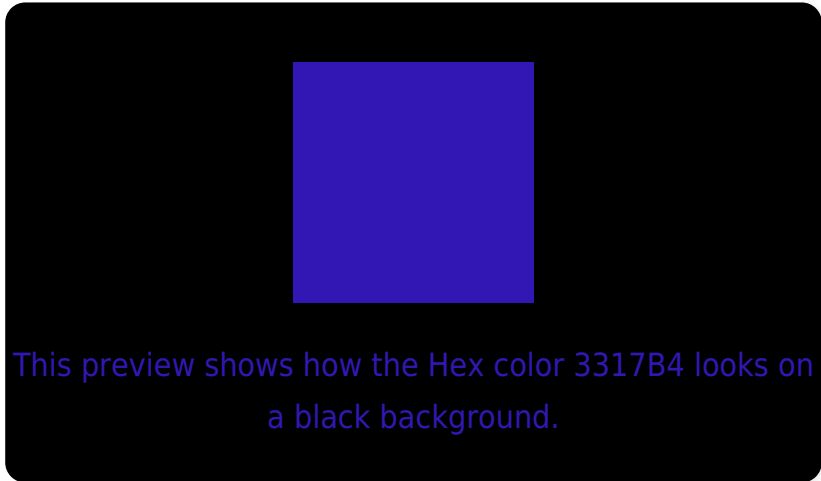
Large Text (above 18pt) WCAG AA ✓ Pass

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

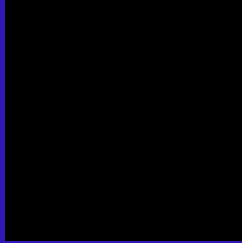
Any Text WCAG AA × Fail

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 3317B4 Background



This preview shows how black text looks on a background with the Hex color 3317B4.



This preview shows how white text looks on a background with the Hex color 3317B4.

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
3317B4

Protanopia
003B7C

Deuteranopia
003F6A

Trichromacy



Original Color
3317B4

Protanomaly
132E90

Deuteranomaly
133085

Tritanomaly
13346F

Monochromacy



Original Color
3317B4

Achromatopsia
313131

Achromatomaly
322861

CSS Examples

Text

The CSS property to change the color of the text to Hex 3317B4 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 #3317B4 looks like.

```
.text, #text, p{  
    color:#3317B4  
}
```

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 #3317B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3317B4
}
```

Border

The CSS property to change the border of an element to Hex 3317B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

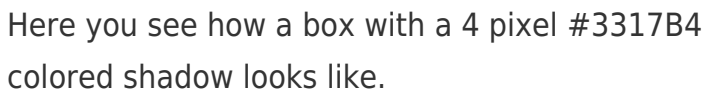
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3317B4 }
```

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

```
.border{ border-color:#3317B4 }
```

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



Here you see how a box with a 4 pixel #3317B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3317B4; -webkit-box-shadow:4px 4px  
4px 4px #3317B4; box-shadow:4px 4px 4px  
4px #3317B4 }
```

Background

The CSS property to change the background color of an element to Hex 3317B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3317B4 }
```

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

```
.background{ background-color:#3317B4 }
```

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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