

Converting Colors

Hex(3333C6)

Have a look what the booklet for
Hex(3333C6) contains.

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Color

Hex(3333C6)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3333C6 |
| RGB | 51, 51, 198 |
| RGB Percent | 20%, 20%, 78% |
| CMY | 0.8000, 0.8000, 0.2235 |
| CMYK | 0.74, 0.74, 0.00, 0.22 |
| HSL | 240°, 59%, 49% |
| HSV | 240°, 74%, 78% |
| XYZ | 12.7421, 7.1487, 54.1343 |
| YIQ | 67.7580, -47.1870, 45.7170 |

Conversions

Conversions Part 2

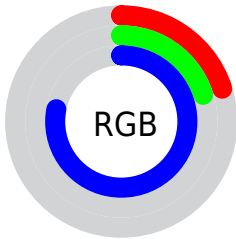
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 51, 51, 198 |
| Decimal | 3355590 |
| CIE _{Lab} | 32.14, 48.39, -75.44 |
| CIE _{LCh} | 32, 89.621, 302.678 |
| Yxy | 7.1487, 0.1721, 0.0966 |
| Android (android.graphics.Color) | 4281545670 (0xFF3333C6) |
| YUV | 67.7580, 64.2093, -14.6968 |
| Hunter-Lab | 26.7370, 38.2783, -101.3283 |

Details

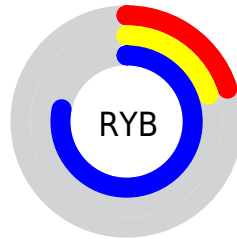
The Hex color **3333C6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C6C633**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7863FF**, and **00058F** is the 20% darker color. If you saturate the color by 10%, you get **1F1FC6**, and if you desaturate by 10%, it is **4747C6**.

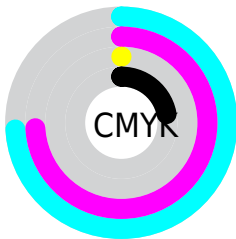
Distribution



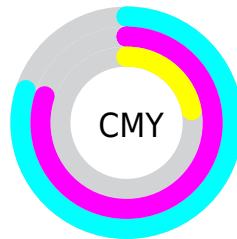
- Red (20%)
- Green (20%)
- Blue (78%)



- Red (20%)
- Yellow (20%)
- Blue (78%)



- Cyan (74%)
- Magenta (74%)
- Yellow (0%)
- Black (22%)



- Cyan (80%)
- Magenta (80%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3333C6 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 3333C6 by changing the saturation by 10% instead.


 3333C6

 3333C6

FFFFFF

 001CAA

 7863FF

 00058F

 977DFF

 000074

 B597FF

 00025A

 D4B2FF

 000742

 F2CEFF

 00032B

 FFE8FF

 000115

 000000

 3333C6

 3333C6

■ 1F1FC6

■ 4747C6

■ 0B0BC6

■ 5B5BC6

■ 0000C6

■ 6E6EC6

■ 8282C6

■ 9696C6

■ AAAAC6

■ BEBEC6

■ D1D1C6

■ E5E5C6

Harmonies

Analogous

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



0056DE



3333C6



9E008E

Triad

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



3333C6



8E2800



006351

Complementary

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



3333C6



C6C633

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.



006100



3333C6



584C00

Square

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



3333C6



B20001



005B00



006598

Rectangle

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



3333C6



B70060



005B00



006338

Sweetspot

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



3333C6



C7C7FF



33C6C6



5E5E80



000000



808080

Same Dimension

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



3333C6



1C1CFF



7D33C6



5A5A63



0000A3



000024

Inverse Universe

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



C633C6



FF1CFF



7DC633



635A63



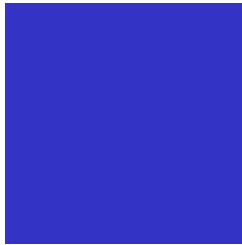
A300A3



240024

Previews

White Background



This preview shows how the Hex color 3333C6 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

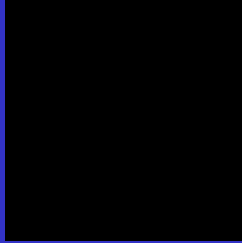
Any Text WCAG AA × Fail

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 3333C6 Background



This preview shows how black text looks on a background with the Hex color 3333C6.



This preview shows how white text looks on a background with the Hex color 3333C6.

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



Trichromacy



Original Color
3333C6

Protanomaly
1341A9

Tritanomaly
134881

Monochromacy



Original Color
3333C6

Achromatopsia
444444

Achromatomaly
3E3E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 3333C6 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 #3333C6 looks like.

```
.text, #text, p{  
    color:#3333C6  
}
```

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 #3333C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3333C6
}
```

Border

The CSS property to change the border of an element to Hex 3333C6 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
#3333C6 }
```

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

```
.border{ border-color:#3333C6 }
```

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

Here you see how a box with a 4 pixel #3333C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3333C6; -webkit-box-shadow:4px 4px  
4px 4px #3333C6; box-shadow:4px 4px 4px  
4px #3333C6 }
```

Background

The CSS property to change the background color of an element to Hex 3333C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3333C6 }
```

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

```
.background{ background-color:#3333C6 }
```

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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