

Converting Colors

Hex(333EBD)

Have a look what the booklet for
Hex(333EBD) contains.

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Color

Hex(333EBD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 333EBD |
| RGB | 51, 62, 189 |
| RGB Percent | 20%, 24%, 74% |
| CMY | 0.8000, 0.7569, 0.2588 |
| CMYK | 0.73, 0.67, 0.00, 0.26 |
| HSL | 235°, 58%, 47% |
| HSV | 235°, 73%, 74% |
| XYZ | 12.2732, 7.8232, 49.0073 |
| YIQ | 73.1890, -47.3230, 37.1650 |

Conversions

Conversions Part 2

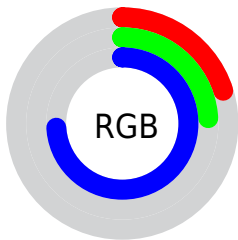
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 51, 61, 189 |
| Decimal | 3358397 |
| CIE _{Lab} | 33.61, 38.88, -67.73 |
| CIE _{LCh} | 34, 78.099, 299.855 |
| Yxy | 7.8232, 0.1776, 0.1132 |
| Android (android.graphics.Color) | 4281548477 (0xFF333EBD) |
| YUV | 73.1890, 57.0948, -19.4598 |
| Hunter-Lab | 27.9699, 29.3781, -84.3054 |

Details

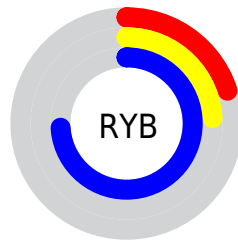
The Hex color **333EBD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BDB233**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **756EF6**, and **001386** is the 20% darker color. If you saturate the color by 10%, you get **202DBD**, and if you desaturate by 10%, it is **464FBD**.

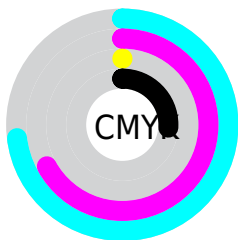
Distribution



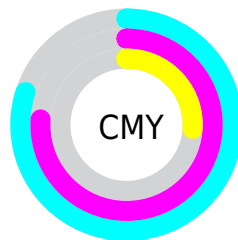
- Red (20%)
- Green (24%)
- Blue (74%)



- Red (20%)
- Yellow (24%)
- Blue (74%)



- Cyan (73%)
- Magenta (67%)
- Yellow (0%)
- Black (26%)



- Cyan (80%)
- Magenta (76%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333EBD 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 333EBD by changing the saturation by 10% instead.

 333EBD

 333EBD

FFFFFF

 0028A1

 756EF6

 001386

 9388FF

 00006C

 B1A2FF

 000253

 CFBDFE

 00063B

 EDD9FF

 000224

 FFF5FF

 00000C

 000000

 333EBD

 333EBD

■ 202DBD

■ 464FBD

■ 0D1BBD

■ 5961BD

■ 000FBD

■ 6C72BD

■ 7F84BD

■ 9295BD

■ A4A6BD

■ B7B8BD

■ CAC9BD

■ DDDBBB

Harmonies

Analogous

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



0059CE



333EBD



94008F

Triad

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



333EBD



902E00



00664D

Complementary

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



333EBD



BDB233

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.



006300



333EBD



624D00

Square

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



333EBD



AE0016



1C5C00



00678C

Rectangle

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



333EBD



AD0067



1C5C00



006537

Sweetspot

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



333EBD



BFC3F5



33BDB2



5B5D7A



FAFAFA



7A7A7A

Same Dimension

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



333EBD



1D2FF5



6D33BD



55565E



000D9E



00021F

Inverse Universe

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



BD333E



F51D2F



84BD33



5E5556



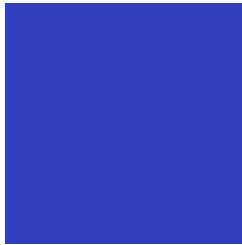
9E000D



1F0002

Previews

White Background



This preview shows how the Hex color 333EBD looks on a white background.

Color Contrast Check

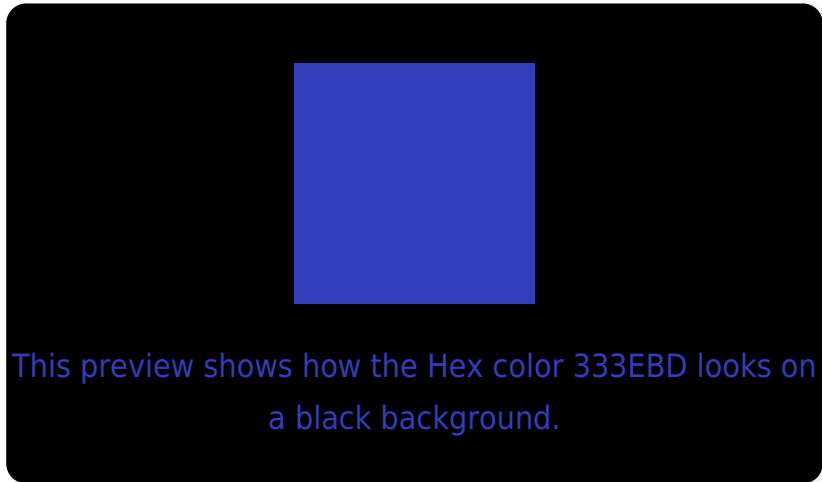
Large Text (above 18pt) WCAG AA ✓ Pass

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

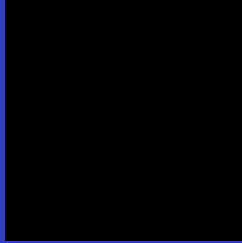
Any Text WCAG AA × Fail

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 333EBD Background



This preview shows how black text looks on a background with the Hex color 333EBD.



This preview shows how white text looks on a background with the Hex color 333EBD.

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
333EBD

Protanopia
004CA0

Trichromacy



Original Color
333EBD



Protanomaly
1347AB

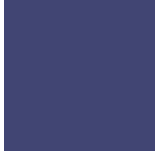
Monochromacy



Original Color
333EBD



Achromatopsia
494949



Achromatomaly
414573

CSS Examples

Text

The CSS property to change the color of the text to Hex 333EBD 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 #333EBD looks like.

```
.text, #text, p{  
    color:#333EBD  
}
```

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 #333EBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333EBD
}
```

Border

The CSS property to change the border of an element to Hex 333EBD 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
#333EBD }
```

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

```
.border{ border-color:#333EBD }
```

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

Here you see how a box with a 4 pixel #333EBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333EBD; -webkit-box-shadow:4px 4px  
4px 4px #333EBD; box-shadow:4px 4px 4px  
4px #333EBD }
```

Background

The CSS property to change the background color of an element to Hex 333EBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333EBD }
```

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

```
.background{ background-color:#333EBD }
```

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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