

Converting Colors

Hex(335DA7)

Have a look what the booklet for
Hex(335DA7) contains.

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Color

Hex(335DA7)

Conversions

Conversions Part 1

Format	Color
Hex	335DA7
RGB	51, 93, 167
RGB Percent	20%, 36%, 65%
CMY	0.8000, 0.6353, 0.3451
CMYK	0.69, 0.44, 0.00, 0.35
HSL	218°, 53%, 43%
HSV	218°, 69%, 65%
XYZ	12.2546, 11.3225, 38.0988
YIQ	88.8780, -48.7860, 14.1100

Conversions

Conversions Part 2

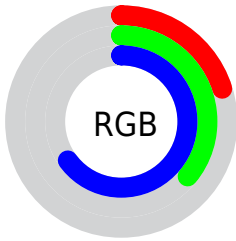
Format	Color
R_{YB}	51, 82, 167
Decimal	3366311
CIE _{Lab}	40.12, 10.70, -44.18
CIE _{LCh}	40, 45.456, 283.621
Yxy	11.3225, 0.1987, 0.1836
Android (android.graphics.Color)	4281556391 (0xFF335DA7)
YUV	88.8780, 38.5141, -33.2190
Hunter-Lab	33.6490, 6.1224, -43.5764

Details

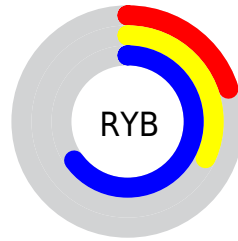
The Hex color **335DA7** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A77D33**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6F8FDF**, and **003072** is the 20% darker color. If you saturate the color by 10%, you get **2252A7**, and if you desaturate by 10%, it is **4468A7**.

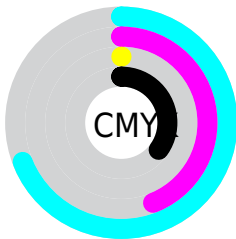
Distribution



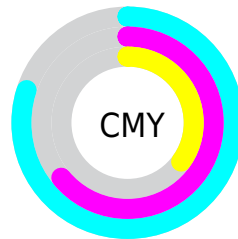
- Red (20%)
- Green (36%)
- Blue (65%)



- Red (20%)
- Yellow (32%)
- Blue (65%)



- Cyan (69%)
- Magenta (44%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335DA7 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 335DA7 by changing the saturation by 10% instead.

■ 335DA7

■ 335DA7

FFFFFF

■ 05468C

■ 6F8FDF

■ 003072

■ 8BA9FB

■ 001C59

■ A8C4FF

■ 000042

■ C5E0FF

■ 00032A

■ E2FDFF

■ 000115

■ 000000

■ 335DA7

■ 335DA7

■ 2252A7

■ 4468A7

■ 1248A7

■ 5472A7

■ 013DA7

■ 657DA7

■ 003CA7

■ 7688A7

■ 8792A7

■ 979DA7

■ A8A8A7

■ B9B2A7

■ C9BDA7

Harmonies

Analogous

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



0068A6



335DA7



764D95

Triad

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



335DA7



99462D



006F48

Complementary

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



335DA7



A77D33

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.



376A25



335DA7



825511

Square

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



335DA7



A23B4F



61620A



00706F

Rectangle

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



335DA7



8F4280



61620A



006E3C

Sweetspot

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



335DA7



ABB CD9



33A77C



525C6E



EDEDED



6E6E6E

Same Dimension

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



335DA7



2566D9



4233A7



4C4F54



003694



000714

Inverse Universe

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



A7335D



D92566



98A733



544C4F



940036



140007

Previews

White Background



This preview shows how the Hex color 335DA7 looks on a white background.

Color Contrast Check

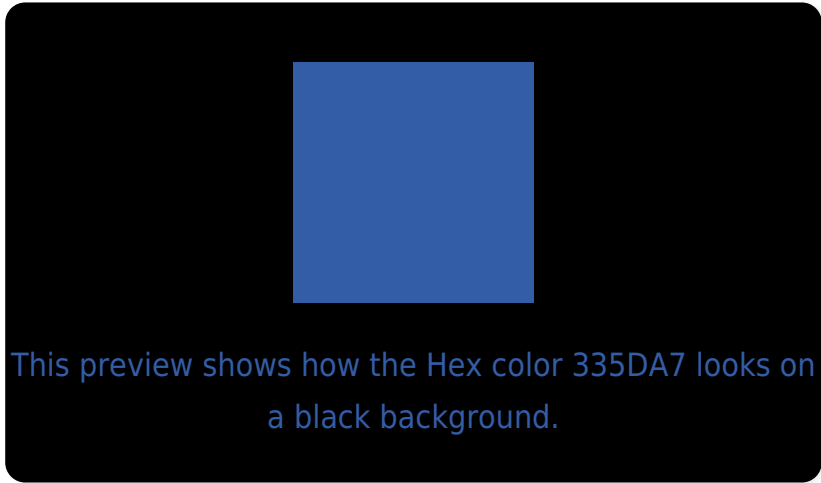
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

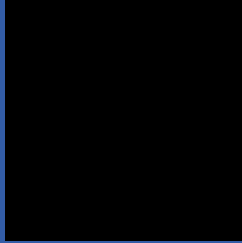
Any Text WCAG AA × Fail

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 335DA7 Background



This preview shows how black text looks on a background with the Hex color 335DA7.

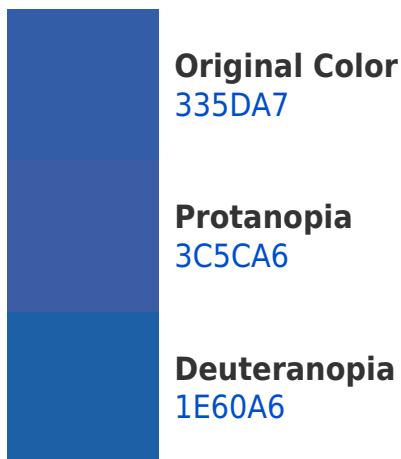


This preview shows how white text looks on a background with the Hex color 335DA7.

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
335DA7

Protanomaly
395CA6

Deuteranomaly
265FA6

Monochromacy



Original Color
335DA7

Achromatopsia
595959

Achromatomaly
4B5A75

CSS Examples

Text

The CSS property to change the color of the text to Hex 335DA7 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 #335DA7 looks like.

```
.text, #text, p{  
    color:#335DA7  
}
```

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 #335DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335DA7
}
```

Border

The CSS property to change the border of an element to Hex 335DA7 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
#335DA7 }
```

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

```
.border{ border-color:#335DA7 }
```

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

Here you see how a box with a 4 pixel #335DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335DA7; -webkit-box-shadow:4px 4px  
4px 4px #335DA7; box-shadow:4px 4px 4px  
4px #335DA7 }
```

Background

The CSS property to change the background color of an element to Hex 335DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335DA7 }
```

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

```
.background{ background-color:#335DA7 }
```

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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