

Converting Colors

Hex(334AA6)

Have a look what the booklet for
Hex(334AA6) contains.

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Color

Hex(334AA6)

Conversions

Conversions Part 1

Format	Color
Hex	334AA6
RGB	51, 74, 166
RGB Percent	20%, 29%, 65%
CMY	0.8000, 0.7098, 0.3490
CMYK	0.69, 0.55, 0.00, 0.35
HSL	228°, 53%, 43%
HSV	228°, 69%, 65%
XYZ	10.6970, 8.3545, 37.1252
YIQ	77.6110, -43.2400, 23.7360

Conversions

Conversions Part 2

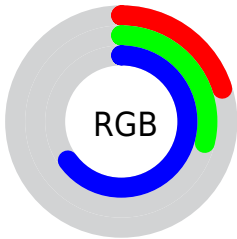
Format	Color
R_{YB}	51, 70, 166
Decimal	3361446
CIE _{Lab}	34.71, 22.82, -52.29
CIE _{LCh}	35, 57.054, 293.580
Yxy	8.3545, 0.1904, 0.1487
Android (android.graphics.Color)	4281551526 (0xFF334AA6)
YUV	77.6110, 43.5758, -23.3378
Hunter-Lab	28.9042, 15.4774, -55.9204

Details

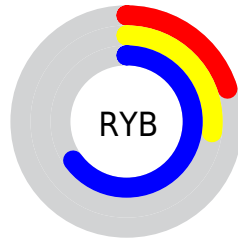
The Hex color **334AA6** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A68F33**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6F7ADE**, and **001F71** is the 20% darker color. If you saturate the color by 10%, you get **223DA6**, and if you desaturate by 10%, it is **4457A6**.

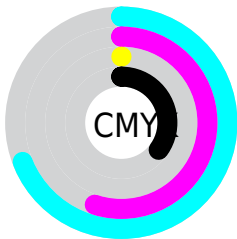
Distribution



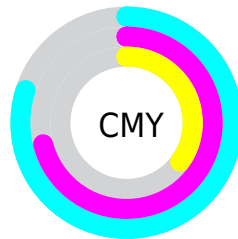
- Red (20%)
- Green (29%)
- Blue (65%)



- Red (20%)
- Yellow (27%)
- Blue (65%)



- Cyan (69%)
- Magenta (55%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334AA6 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 334AA6 by changing the saturation by 10% instead.

■ 334AA6

■ 334AA6

FFFFFF

■ 03348B

■ 6F7ADE

■ 001F71

■ 8C94FB

■ 000B58

■ A9AFFF

■ 000740

■ C6CAFF

■ 000329

■ E3E6FF

■ 000113

■ 000000

■ 334AA6

■ 334AA6

■ 223DA6

■ 4457A6

■ 122FA6

■ 5465A6

■ 0122A6

■ 6572A6

■ 0021A6

■ 757FA6

■ 868CA6

■ 979AA6

■ A7A7A6

■ B8B4A6

■ C8C2A6

Harmonies

Analogous

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



005AAD



334AA6



7D3188

Triad

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



334AA6



8C3700



006446

Complementary

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



334AA6



A68F33

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.



006114



334AA6



6C4C00

Square

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



334AA6



9E1C31



425A00



006575

Rectangle

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



334AA6



951D6C



425A00



006436

Sweetspot

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



334AA6



ABB4D9



33A68F



52586E



EDEDED



6E6E6E

Same Dimension

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



334AA6



2549D9



5533A6



4C4D54



001E94



000414

Inverse Universe

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



A6334A



D92549



84A633



544C4D



94001E



140004

Previews

White Background



This preview shows how the Hex color 334AA6 looks on a white background.

Color Contrast Check

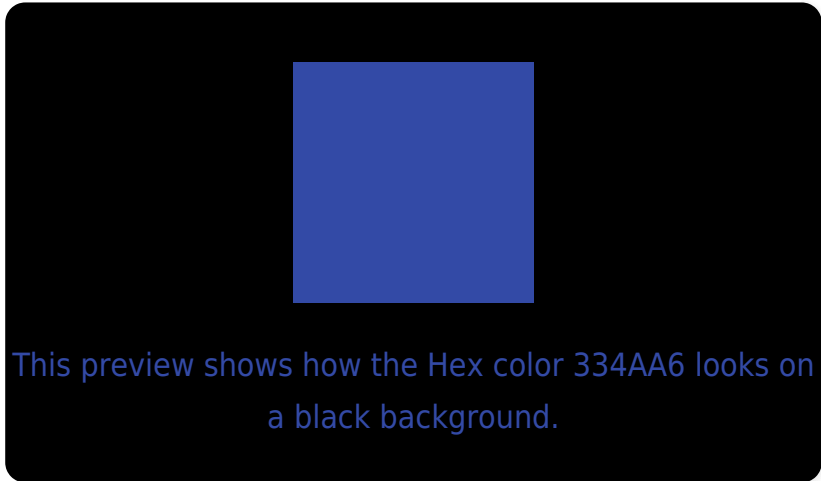
Large Text (above 18pt) WCAG AA ✓ Pass

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

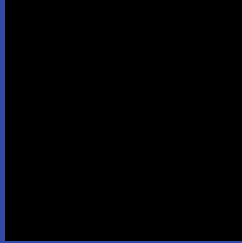
Any Text WCAG AA × Fail

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 334AA6 Background



This preview shows how black text looks on a background with the Hex color 334AA6.



This preview shows how white text looks on a background with the Hex color 334AA6.

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
334AA6

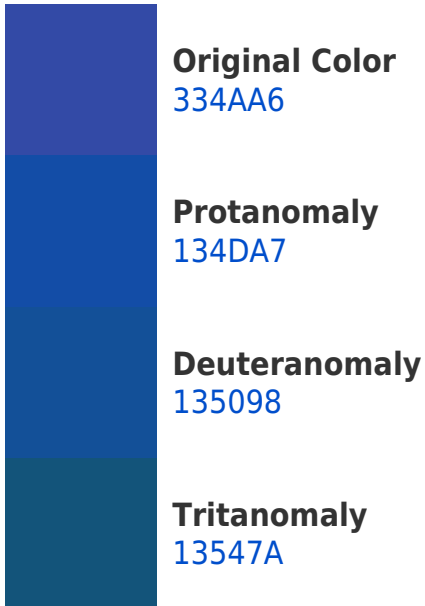
Protanopia
004EA7

Deuteranopia
005390



Tritanopia
005A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 334AA6 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 #334AA6 looks like.

```
.text, #text, p{  
    color:#334AA6  
}
```

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 #334AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334AA6
}
```

Border

The CSS property to change the border of an element to Hex 334AA6 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
#334AA6 }
```

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

```
.border{ border-color:#334AA6 }
```

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

Here you see how a box with a 4 pixel #334AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334AA6; -webkit-box-shadow:4px 4px  
4px 4px #334AA6; box-shadow:4px 4px 4px  
4px #334AA6 }
```

Background

The CSS property to change the background color of an element to Hex 334AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334AA6 }
```

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

```
.background{ background-color:#334AA6 }
```

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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