

Converting Colors

Hex(334B96)

Have a look what the booklet for
Hex(334B96) contains.

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Color

Hex(334B96)

Conversions

Conversions Part 1

Format	Color
Hex	334B96
RGB	51, 75, 150
RGB Percent	20%, 29%, 59%
CMY	0.8000, 0.7059, 0.4118
CMYK	0.66, 0.50, 0.00, 0.41
HSL	225°, 49%, 39%
HSV	225°, 66%, 59%
XYZ	9.3863, 7.9380, 29.8916
YIQ	76.3740, -38.3790, 18.2370

Conversions

Conversions Part 2

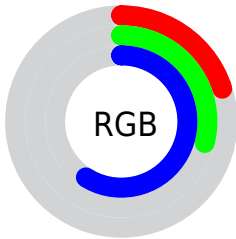
Format	Color
R_{YB}	51, 70, 150
Decimal	3361686
CIE _{Lab}	33.85, 16.23, -44.03
CIE _{LCh}	34, 46.926, 290.231
Yxy	7.9380, 0.1988, 0.1681
Android (android.graphics.Color)	4281551766 (0xFF334B96)
YUV	76.3740, 36.2976, -22.2530
Hunter-Lab	28.1744, 10.1623, -43.1816

Details

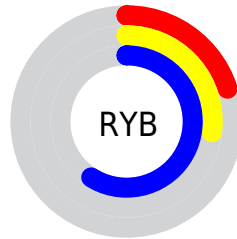
The Hex color **334B96** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **967E33**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6C7BCD**, and **002062** is the 20% darker color. If you saturate the color by 10%, you get **244096**, and if you desaturate by 10%, it is **425696**.

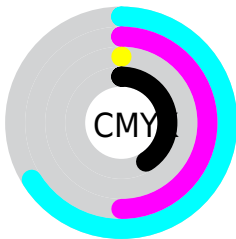
Distribution



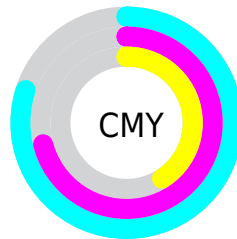
- Red (20%)
- Green (29%)
- Blue (59%)



- Red (20%)
- Yellow (27%)
- Blue (59%)



- Cyan (66%)
- Magenta (50%)
- Yellow (0%)
- Black (41%)



- Cyan (80%)
- Magenta (71%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334B96 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 334B96 by changing the saturation by 10% instead.

■ 334B96

■ 334B96

FFFFFF

■ 0D357C

■ 6C7BCD

■ 002062

■ 8895E9

■ 000A4A

■ A4B0FF

■ 000433

■ C0CBFF

■ 00021D

■ DDE7FF

■ 000000

■ FBFFFF

■ 334B96

■ 334B96

■ 244096

■ 425696

■ 153496

■ 516296

■ 062996

■ 606D96

■ 002496

■ 6F7896

■ 7E8496

■ 8D8F96

■ 9C9B96

■ ABA696

■ BAB196

Harmonies

Analogous

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



005899



334B96



703980

Triad

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



334B96



843916



006042

Complementary

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



334B96



967E33

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.



145C1C



334B96



6B4A00

Square

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



334B96



912A38



495500



006068

Rectangle

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



334B96



852E6A



495500



005F35

Sweetspot

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



334B96



9BA4C2



33967D



4A4F61



E0E0E0



616161

Same Dimension

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



334B96



294EC2



4C3396



43444A



00218A



00020A

Inverse Universe

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



96334B



C2294E



7D9633



4A4344



8A0021



0A0002

Previews

White Background



This preview shows how the Hex color 334B96 looks on a white background.

Color Contrast Check

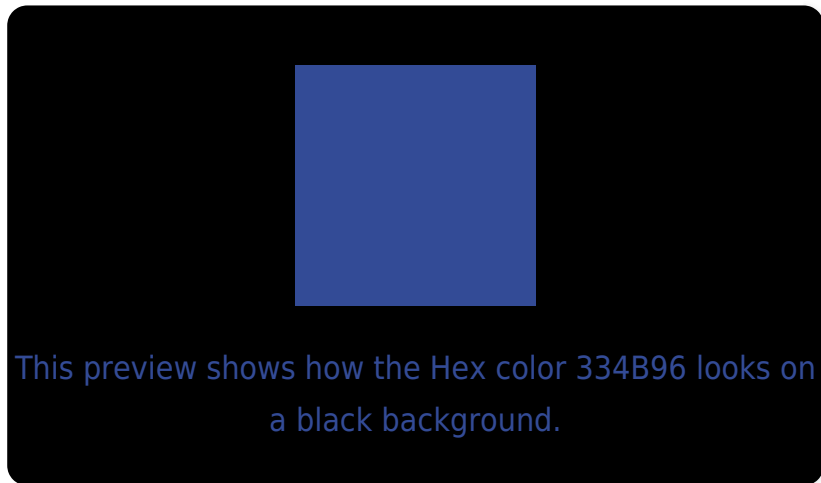
Large Text (above 18pt) WCAG AA ✓ Pass

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

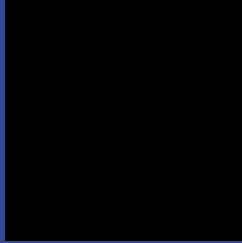
Any Text WCAG AA × Fail

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 334B96 Background



This preview shows how black text looks on a background with the Hex color 334B96.




This preview shows how white text looks on a background with the Hex color 334B96.

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](#).

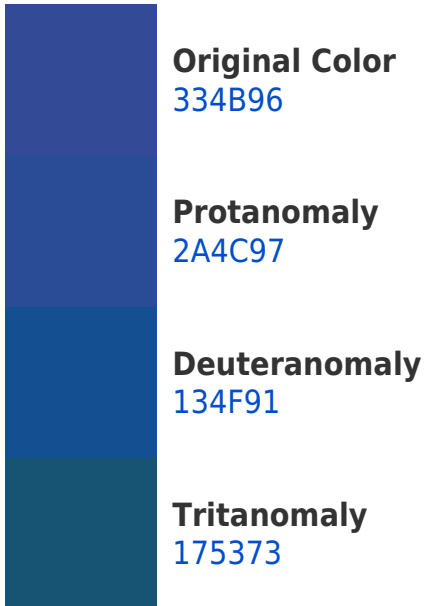
Dichromacy





Tritanopia
07585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 334B96 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 #334B96 looks like.

```
.text, #text, p{  
    color:#334B96  
}
```

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 #334B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334B96
}
```

Border

The CSS property to change the border of an element to Hex 334B96 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
#334B96 }
```

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

```
.border{ border-color:#334B96 }
```

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

Here you see how a box with a 4 pixel #334B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334B96; -webkit-box-shadow:4px 4px  
4px 4px #334B96; box-shadow:4px 4px 4px  
4px #334B96 }
```

Background

The CSS property to change the background color of an element to Hex 334B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334B96 }
```

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

```
.background{ background-color:#334B96 }
```

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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