

Converting Colors

Hex(334694)

Have a look what the booklet for
Hex(334694) contains.

| | |
|--|----|
| Hex(334694) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(334694)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 334694 |
| RGB | 51, 70, 148 |
| RGB Percent | 20%, 27%, 58% |
| CMY | 0.8000, 0.7255, 0.4196 |
| CMYK | 0.66, 0.53, 0.00, 0.42 |
| HSL | 228°, 49%, 39% |
| HSV | 228°, 66%, 58% |
| XYZ | 8.9007, 7.2222, 28.9419 |
| YIQ | 73.2110, -36.3620, 20.2300 |

Conversions

Conversions Part 2

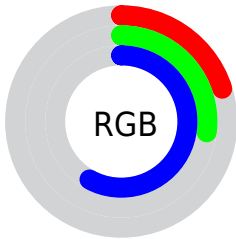
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 51, 67, 148 |
| Decimal | 3360404 |
| CIELab | 32.31, 18.83, -45.30 |
| CIELCh | 32, 49.063, 292.573 |
| Yxy | 7.2222, 0.1975, 0.1603 |
| Android (android.graphics.Color) | 4281550484 (0xFF334694) |
| YUV | 73.2110, 36.8710, -19.4790 |
| Hunter-Lab | 26.8742, 12.0890, -45.0397 |




Details

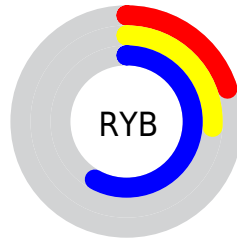
The Hex color **334694** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **948133**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **6C76CB**, and **001C60** is the 20% darker color. If you saturate the color by 10%, you get **243A94**, and if you desaturate by 10%, it is **425294**.

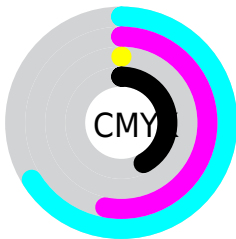
Distribution







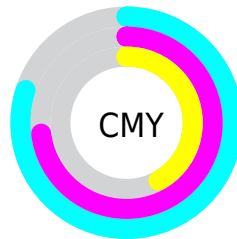
-  Red (20%)
-  Green (27%)
-  Blue (58%)






-  Red (20%)
-  Yellow (26%)
-  Blue (58%)



-  Cyan (66%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (80%)
-  Magenta (73%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334694 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 334694 by changing the saturation by 10% instead.

■ 334694

■ 334694

FFFFFF

■ 0E307A

■ 6C76CB

■ 001C60

■ 888FE7

■ 000248

■ A4AAFF

■ 000431

■ C0C5FF

■ 00011B

■ DDE1FF

■ 000000

■ FBFEFF

■ 334694

■ 334694

■ 243A94

■ 425294

■ 152E94

■ 515E94

■ 072294

■ 5F6A94

■ 001D94

■ 6E7694

■ 7D8294

■ 8C8D94

■ 9B9994

■ A9A594

■ B8B194

Harmonies

Analogous

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



005499



334694



70327C

Triad

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



334694



80360B



005C41

Complementary

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



334694



948133

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.



005918



334694



654700

Square

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



334694



8E2331



415300



005D69

Rectangle

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



334694



852564



415300



005C33

Sweetspot

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



334694



99A0BF



339481



4A4E61



E0E0E0



616161

Same Dimension

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



334694



2846BF



503394



43444A



001B8A



00020A

Inverse Universe

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



943346



BF2846



779433



4A4344



8A001B



0A0002

Previews

White Background



This preview shows how the Hex color 334694 looks on a white background.

Color Contrast Check

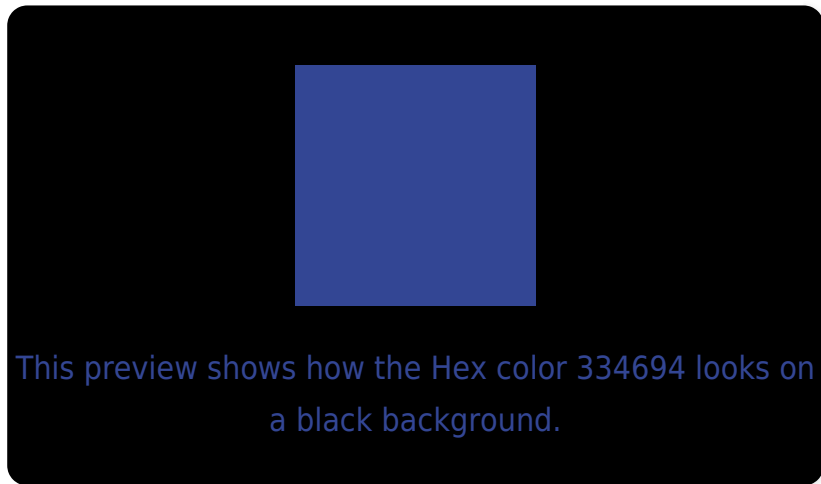
Large Text (above 18pt) WCAG AA ✓ Pass

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

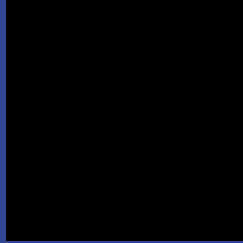
Any Text WCAG AA × Fail

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 334694 Background



This preview shows how black text looks on a background with the Hex color 334694.



This preview shows how white text looks on a background with the Hex color 334694.

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
334694

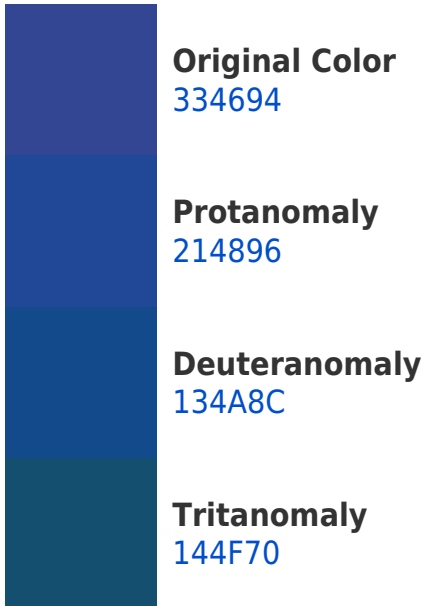
Protanopia
174997

Deuteranopia
004D87



Tritanopia
03545B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 334694 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 #334694 looks like.

```
.text, #text, p{  
    color:#334694  
}
```

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 #334694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334694
}
```

Border

The CSS property to change the border of an element to Hex 334694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

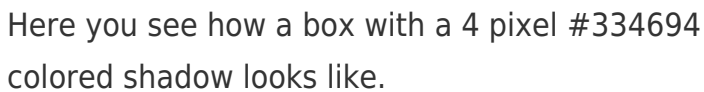
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334694 }
```

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

```
.border{ border-color:#334694 }
```

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



Here you see how a box with a 4 pixel #334694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334694; -webkit-box-shadow:4px 4px  
4px 4px #334694; box-shadow:4px 4px 4px  
4px #334694 }
```

Background

The CSS property to change the background color of an element to Hex 334694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334694 }
```

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

```
.background{ background-color:#334694 }
```

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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