

Converting Colors

Hex(334783)

Have a look what the booklet for
Hex(334783) contains.

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Color

Hex(334783)

Conversions

Conversions Part 1

Format	Color
Hex	334783
RGB	51, 71, 131
RGB Percent	20%, 28%, 51%
CMY	0.8000, 0.7216, 0.4863
CMYK	0.61, 0.46, 0.00, 0.49
HSL	225°, 44%, 36%
HSV	225°, 61%, 51%
XYZ	7.7152, 6.8490, 22.3881
YIQ	71.8600, -31.1800, 14.4200

Conversions

Conversions Part 2

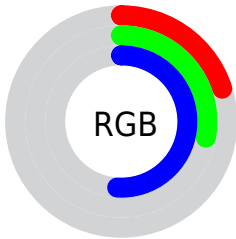
Format	Color
RYB	51, 67, 131
Decimal	3360643
CIELab	31.46, 11.92, -36.22
CIELCh	31, 38.128, 288.217
Yxy	6.8490, 0.2088, 0.1853
Android (android.graphics.Color)	4281550723 (0xFF334783)
YUV	71.8600, 29.1560, -18.2942
Hunter-Lab	26.1706, 6.8243, -32.4013

Details

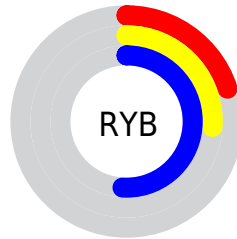
The Hex color **334783** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **836F33**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6977B8**, and **001C51** is the 20% darker color. If you saturate the color by 10%, you get **263D83**, and if you desaturate by 10%, it is **405183**.

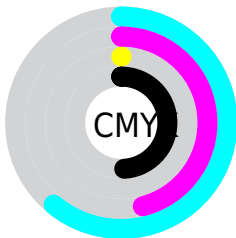
Distribution



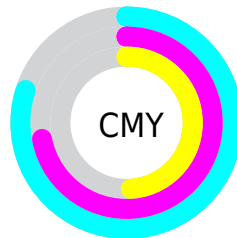
- Red (20%)
- Green (28%)
- Blue (51%)



- Red (20%)
- Yellow (26%)
- Blue (51%)



- Cyan (61%)
- Magenta (46%)
- Yellow (0%)
- Black (49%)



- Cyan (80%)
- Magenta (72%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334783 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 334783 by changing the saturation by 10% instead.

■ 334783

■ 334783

FFFFFF

■ 14316A

■ 6977B8

■ 001C51

■ 8491D4

■ 00013A

■ 9FABF1

■ 000223

■ BBC6FF

■ 00000A

■ D8E2FF

■ 000000

■ F5FFFF

■ 334783

■ 334783

■ 263D83

■ 405183

■ 193383

■ 4D5B83

■ 0C2A83

■ 5A6483

■ 002183

■ 676E83

■ 757883

■ 828283

■ 8F8C83

■ 9C9683

■ A99F83

Harmonies

Analogous

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



005184



334783



623A72

Triad

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



334783



77381E



00573D

Complementary

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



334783



836F33

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.



235420



334783



634409

Square

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



334783



802E39



484E09



00585C

Rectangle

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



334783



743261



484E09



005733

Sweetspot

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



334783



8C94AB



33836F



444857



D6D6D6



575757

Same Dimension

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



334783



2E4DAB



473383



3C3D42



002182



000103

Inverse Universe

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



833347



AB2E4D



6F8333



423C3D



820021



030001

Previews

White Background



This preview shows how the Hex color 334783 looks on a white background.

Color Contrast Check

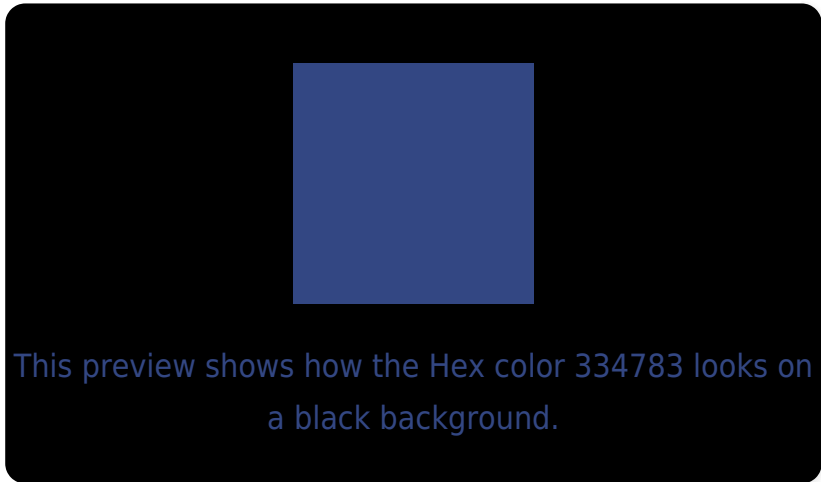
Large Text (above 18pt) WCAG AA ✓ Pass

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

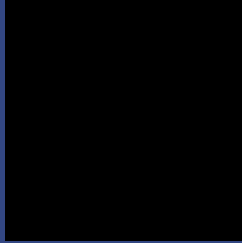
Any Text WCAG AA × Fail

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 334783 Background



This preview shows how black text looks on a background with the Hex color 334783.



This preview shows how white text looks on a background with the Hex color 334783.

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
334783

Protanopia
2D4884

Deuteranopia
194B82



Tritanopia
1E5157

Trichromacy



Original Color
334783

Protanomaly
2F4884

Deuteranomaly
224A82

Tritanomaly
264D67

Monochromacy



Original Color
334783

Achromatopsia
484848

Achromatomaly
40485D

CSS Examples

Text

The CSS property to change the color of the text to Hex 334783 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 #334783 looks like.

```
.text, #text, p{  
    color:#334783  
}
```

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 #334783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334783
}
```

Border

The CSS property to change the border of an element to Hex 334783 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
#334783 }
```

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

```
.border{ border-color:#334783 }
```

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

Here you see how a box with a 4 pixel #334783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334783; -webkit-box-shadow:4px 4px  
4px 4px #334783; box-shadow:4px 4px 4px  
4px #334783 }
```

Background

The CSS property to change the background color of an element to Hex 334783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334783 }
```

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

```
.background{ background-color:#334783 }
```

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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