

Converting Colors

Hex(334375)

Have a look what the booklet for
Hex(334375) contains.

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Color

Hex(334375)

Conversions

Conversions Part 1

Format	Color
Hex	334375
RGB	51, 67, 117
RGB Percent	20%, 26%, 46%
CMY	0.8000, 0.7373, 0.5412
CMYK	0.56, 0.43, 0.00, 0.54
HSL	225°, 39%, 33%
HSV	225°, 56%, 46%
XYZ	6.5833, 6.0025, 17.6412
YIQ	67.9160, -25.5860, 12.1580

Conversions

Conversions Part 2

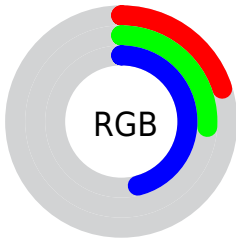
Format	Color
R_{YB}	51, 64, 117
Decimal	3359605
CIE _{Lab}	29.42, 9.57, -30.72
CIE _{LCh}	29, 32.179, 287.299
Yxy	6.0025, 0.2178, 0.1986
Android (android.graphics.Color)	4281549685 (0xFF334375)
YUV	67.9160, 24.1984, -14.8353
Hunter-Lab	24.4999, 5.0891, -25.5419

Details

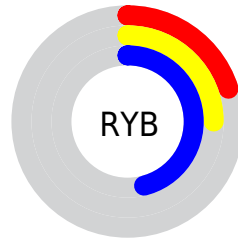
The Hex color **334375** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **756533**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6773A9**, and **001944** is the 20% darker color. If you saturate the color by 10%, you get **273A75**, and if you desaturate by 10%, it is **3F4C75**.

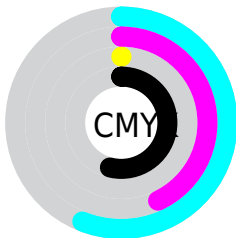
Distribution



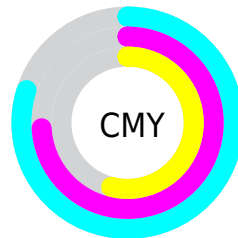
- Red (20%)
- Green (26%)
- Blue (46%)



- Red (20%)
- Yellow (25%)
- Blue (46%)



- Cyan (56%)
- Magenta (43%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (74%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334375 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 334375 by changing the saturation by 10% instead.

■ 334375

■ 334375

FFFFFF

■ 182D5C

■ 6773A9

■ 001944

■ 818CC5

■ 00002E

■ 9CA6E1

■ 000118

■ B7C2FE

■ 000000

■ D4DDFF

■ F1FAFF

■ 334375

■ 334375

■ 273A75

■ 3F4C75

■ 1C3175

■ 4A5575

■ 102875

■ 565E75

■ 042075

■ 626675

■ 001C75

■ 6E6F75

■ 797875

■ 858175

■ 918A75

■ 9C9375

Harmonies

Analogous

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



004B76



334375



593967

Triad

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



334375



6C3722



00513A

Complementary

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



334375



756533

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.



284E22



334375



5C4012

Square

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



334375



732F38



454812



005153

Rectangle

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



334375



683259



454812



045031

Sweetspot

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



334375



7F8599



337565



3D414D



CCCCCC



4D4D4D

Same Dimension

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



334375



314A99



433375



35363B



001E7A



003DFA

Inverse Universe

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



753343



99314A



657533



3B3536



7A001E



FA003D

Previews

White Background



This preview shows how the Hex color 334375 looks on a white background.

Color Contrast Check

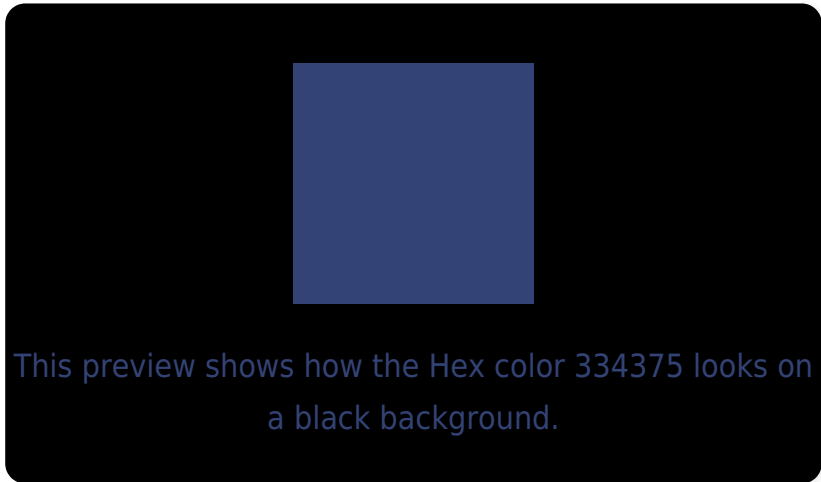
Large Text (above 18pt) WCAG AA ✓ Pass

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

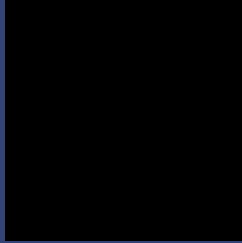
Any Text WCAG AA × Fail

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 334375 Background



This preview shows how black text looks on a background with the Hex color 334375.



This preview shows how white text looks on a background with the Hex color 334375.

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

334375

Protanopia

304476

Deuteranopia

254674



Tritanopia
254B51

Trichromacy



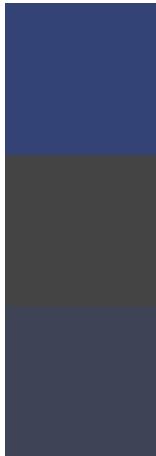
Original Color
334375

Protanomaly
314476

Deuteranomaly
2A4574

Tritanomaly
2A485E

Monochromacy



Original Color
334375

Achromatopsia
444444

Achromatomaly
3E4456

CSS Examples

Text

The CSS property to change the color of the text to Hex 334375 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 #334375 looks like.

```
.text, #text, p{  
    color:#334375  
}
```

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 #334375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334375
}
```

Border

The CSS property to change the border of an element to Hex 334375 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
#334375 }
```

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

```
.border{ border-color:#334375 }
```

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

Here you see how a box with a 4 pixel #334375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334375; -webkit-box-shadow:4px 4px  
4px 4px #334375; box-shadow:4px 4px 4px  
4px #334375 }
```

Background

The CSS property to change the background color of an element to Hex 334375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334375 }
```

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

```
.background{ background-color:#334375 }
```

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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