

Converting Colors

Hex(334067)

Have a look what the booklet for
Hex(334067) contains.

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Color

Hex(334067)

Conversions

Conversions Part 1

Format	Color
Hex	334067
RGB	51, 64, 103
RGB Percent	20%, 25%, 40%
CMY	0.8000, 0.7490, 0.5961
CMYK	0.50, 0.38, 0.00, 0.60
HSL	225°, 34%, 30%
HSV	225°, 50%, 40%
XYZ	5.6468, 5.3499, 13.5670
YIQ	64.5590, -20.2670, 9.3730

Conversions

Conversions Part 2

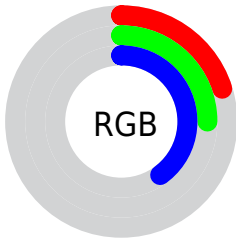
Format	Color
R_{YB}	51, 61, 103
Decimal	3358823
CIE _{Lab}	27.71, 6.70, -24.53
CIE _{LCh}	28, 25.431, 285.273
Yxy	5.3499, 0.2299, 0.2178
Android (android.graphics.Color)	4281548903 (0xFF334067)
YUV	64.5590, 18.9514, -11.8912
Hunter-Lab	23.1298, 3.1012, -18.5862

Details

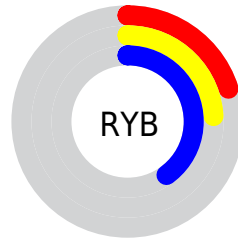
The Hex color **334067** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **675A33**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **656F9A**, and **001638** is the 20% darker color. If you saturate the color by 10%, you get **293867**, and if you desaturate by 10%, it is **3D4867**.

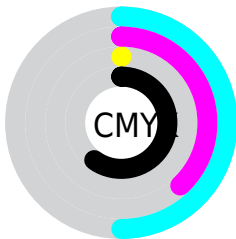
Distribution



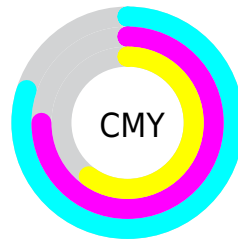
- Red (20%)
- Green (25%)
- Blue (40%)



- Red (20%)
- Yellow (24%)
- Blue (40%)



- Cyan (50%)
- Magenta (38%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334067 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 334067 by changing the saturation by 10% instead.



334067



334067

FFFFFF



1A2A4F



656F9A



001638



7E89B5



000222



99A3D1



000008



B4BEED



000000



D0DAFF



EDF6FF



334067



334067



293867



3D4867

■ 1E3167

■ 484F67

■ 142967

■ 525767

■ 0A2167

■ 5C5F67

■ 001A67

■ 676767

■ 716E67

■ 7B7667

■ 857E67

■ 908667

Harmonies

Analogous

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



004667



334067



50385D

Triad

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



334067



623627



0D4B37

Complementary

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



334067



675A33

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.



2D4825



334067



553D1B

Square

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



334067



663138



43431A



004B4B

Rectangle

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



334067



5C3452



43431A



1B4A30

Sweetspot

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



334067



737887



33675A



383C45



C4C4C4



454545

Same Dimension

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



334067



354987



403367



2E2F33



001D73



003DF2

Inverse Universe

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



673340



873549



5A6733



332E2F



73001D



F2003D

Previews

White Background



This preview shows how the Hex color 334067 looks on a white background.

Color Contrast Check

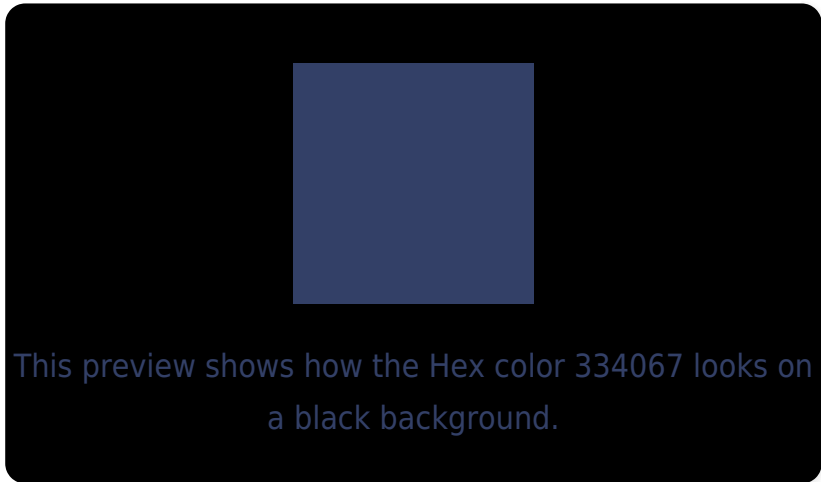
Large Text (above 18pt) WCAG AA ✓ Pass

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 334067 Background



This preview shows how black text looks on a background with the Hex color 334067.



This preview shows how white text looks on a background with the Hex color 334067.

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
334067

Protanopia
334067

Deuteranopia
2D4167



Tritanopia
2A464B

Trichromacy



Original Color
334067

Protanomaly
334067

Deuteranomaly
2F4167

Tritanomaly
2D4455

Monochromacy



Original Color
334067

Achromatopsia
414141

Achromatomaly
3C414F

CSS Examples

Text

The CSS property to change the color of the text to Hex 334067 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 #334067 looks like.

```
.text, #text, p{  
  color:#334067  
}
```

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 #334067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334067
}
```

Border

The CSS property to change the border of an element to Hex 334067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

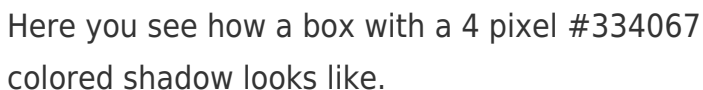
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334067 }
```

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

```
.border{ border-color:#334067 }
```

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



Here you see how a box with a 4 pixel #334067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334067; -webkit-box-shadow:4px 4px  
4px 4px #334067; box-shadow:4px 4px 4px  
4px #334067 }
```

Background

The CSS property to change the background color of an element to Hex 334067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334067 }
```

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

```
.background{ background-color:#334067 }
```

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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