

Converting Colors

Hex(334971)

Have a look what the booklet for
Hex(334971) contains.

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Color

Hex(334971)

Conversions

Conversions Part 1

Format	Color
Hex	334971
RGB	51, 73, 113
RGB Percent	20%, 29%, 44%
CMY	0.8000, 0.7137, 0.5569
CMYK	0.55, 0.35, 0.00, 0.56
HSL	219°, 38%, 32%
HSV	219°, 55%, 44%
XYZ	6.7284, 6.6611, 16.5539
YIQ	70.9820, -25.9520, 7.7760

Conversions

Conversions Part 2

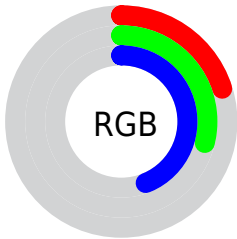
Format	Color
R_{YB}	51, 67, 113
Decimal	3361137
CIE _{Lab}	31.02, 4.15, -25.67
CIE _{LCh}	31, 26.004, 279.190
Yxy	6.6611, 0.2247, 0.2225
Android (android.graphics.Color)	4281551217 (0xFF334971)
YUV	70.9820, 20.7149, -17.5242
Hunter-Lab	25.8092, 1.3686, -19.9619

Details

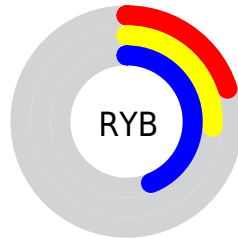
The Hex color **334971** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **715B33**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6679A5**, and **001E41** is the 20% darker color. If you saturate the color by 10%, you get **284271**, and if you desaturate by 10%, it is **3E5071**.

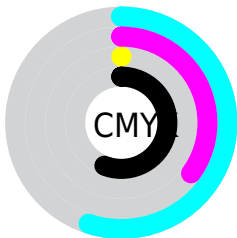
Distribution



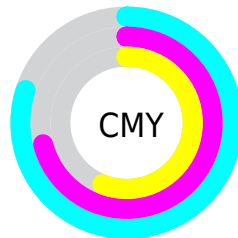
- Red (20%)
- Green (29%)
- Blue (44%)



- Red (20%)
- Yellow (26%)
- Blue (44%)



- Cyan (55%)
- Magenta (35%)
- Yellow (0%)
- Black (56%)



- Cyan (80%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334971 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 334971 by changing the saturation by 10% instead.



334971



334971

FFFFFF



193358



6679A5



001E41



8093C0



00032B



9BAEDC



000115



B6C9F9



000000



D2E5FF



FFFFFF



334971



334971



284271



3E5071

■ 1C3A71

■ 4A5871

■ 113371

■ 555F71

■ 062C71

■ 606671

■ 002871

■ 6C6D71

■ 777571

■ 827C71

■ 8D8371

■ 998B71

Harmonies

Analogous

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



004F6F



334971



534169

Triad

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



334971



6D3C30



1D523A

Complementary

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



334971



715B33

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.



394F28



334971



614323

Square

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



334971



6F3843



4F4A20



00544F

Rectangle

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



334971



623C5E



4F4A20



285233

Sweetspot

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



334971



7C8594



33715A



3C414A



C9C9C9



4A4A4A

Same Dimension

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



334971



325594



3B3371



323438



002B78



0058F7

Inverse Universe

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



713349



943255



697133



383234



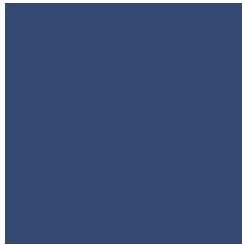
78002B



F70058

Previews

White Background



This preview shows how the Hex color 334971 looks on a white background.

Color Contrast Check

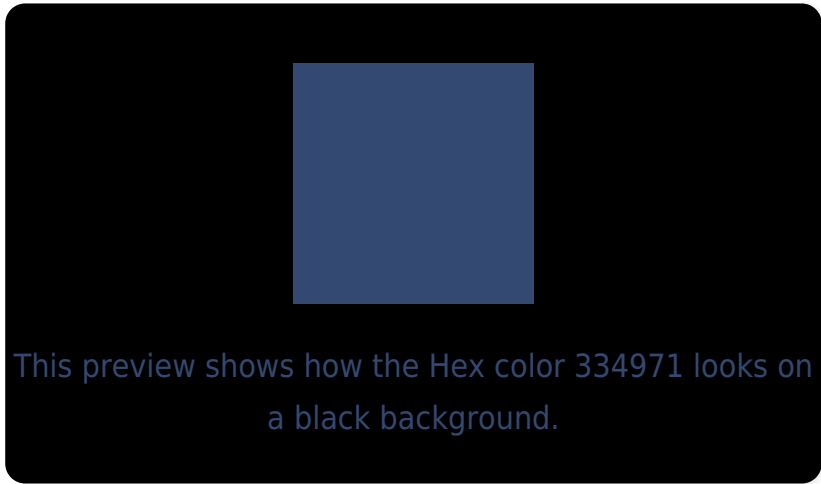
Large Text (above 18pt) WCAG AA ✓ Pass

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 334971 Background



This preview shows how black text looks on a background with the Hex color 334971.



This preview shows how white text looks on a background with the Hex color 334971.

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
334971

Protanopia
3A4870

Deuteranopia
344971



Tritanopia
294F55

Trichromacy



Original Color
334971

Protanomaly
374870

Deuteranomaly
344971

Tritanomaly
2D4D5F

Monochromacy



Original Color
334971

Achromatopsia
474747

Achromatomaly
404856

CSS Examples

Text

The CSS property to change the color of the text to Hex 334971 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 #334971 looks like.

```
.text, #text, p{  
  color:#334971  
}
```

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 #334971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334971
}
```

Border

The CSS property to change the border of an element to Hex 334971 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
#334971 }
```

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

```
.border{ border-color:#334971 }
```

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

Here you see how a box with a 4 pixel #334971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334971; -webkit-box-shadow:4px 4px  
4px 4px #334971; box-shadow:4px 4px 4px  
4px #334971 }
```

Background

The CSS property to change the background color of an element to Hex 334971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334971 }
```

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

```
.background{ background-color:#334971 }
```

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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