

Converting Colors

Hex(334278)

Have a look what the booklet for
Hex(334278) contains.

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Color

Hex(334278)

Conversions

Conversions Part 1

Format	Color
Hex	334278
RGB	51, 66, 120
RGB Percent	20%, 26%, 47%
CMY	0.8000, 0.7412, 0.5294
CMYK	0.58, 0.45, 0.00, 0.53
HSL	227°, 40%, 34%
HSV	227°, 57%, 47%
XYZ	6.7036, 5.9563, 18.5657
YIQ	67.6710, -26.2740, 13.6140

Conversions

Conversions Part 2

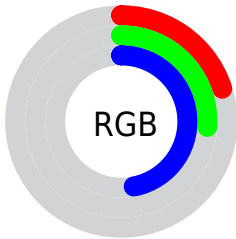
Format	Color
RYB	51, 63, 120
Decimal	3359352
CIELab	29.30, 11.32, -32.80
CIELCh	29, 34.694, 289.035
Yxy	5.9563, 0.2147, 0.1908
Android (android.graphics.Color)	4281549432 (0xFF334278)
YUV	67.6710, 25.7982, -14.6205
Hunter-Lab	24.4055, 6.3200, -28.0189

Details

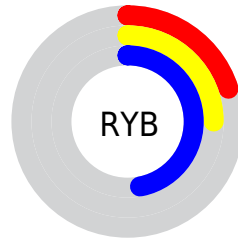
The Hex color **334278** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **786933**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6772AD**, and **001847** is the 20% darker color. If you saturate the color by 10%, you get **273978**, and if you desaturate by 10%, it is **3F4B78**.

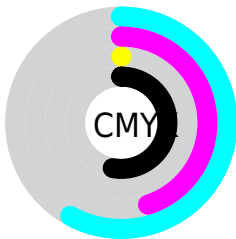
Distribution



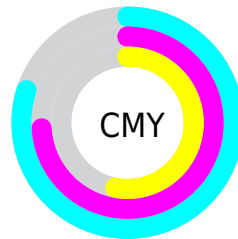
- Red (20%)
- Green (26%)
- Blue (47%)



- Red (20%)
- Yellow (25%)
- Blue (47%)



- Cyan (58%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334278 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 334278 by changing the saturation by 10% instead.

■ 334278

■ 334278

FFFFFF

■ 172C5F

■ 6772AD

■ 001847

■ 828BC8

■ 000030

■ 9DA5E4

■ 00011A

■ B8C0FF

■ 000000

■ D5DCFF

■ F1F9FF

■ 334278

■ 334278

■ 273978

■ 3F4B78

■ 1B2F78

■ 4B5578

■ 0F2678

■ 575E78

■ 031C78

■ 636878

■ 001A78

■ 6F7178

■ 7B7A78

■ 878478

■ 938D78

■ 9F9778

Harmonies

Analogous

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



004B7A



334278



5C3669

Triad

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



334278



6D351D



00513A

Complementary

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



334278



786933

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.



224E20



334278



5B400C

Square

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



334278



762D35



43490D



005256

Rectangle

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



334278



6C2F59



43490D



005131

Sweetspot

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



334278



81879C



337868



3F434F



CFCFCF



4F4F4F

Same Dimension

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



334278



30489C



453378



37383D



001B7D



0037FC

Inverse Universe

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



783342



9C3048



667833



3D3738



7D001B



FC0037

Previews

White Background



This preview shows how the Hex color 334278 looks on a white background.

Color Contrast Check

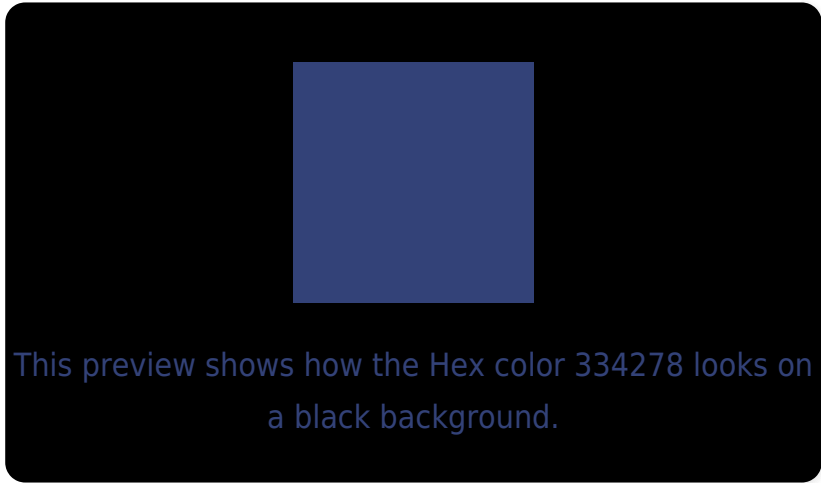
Large Text (above 18pt) WCAG AA ✓ Pass

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

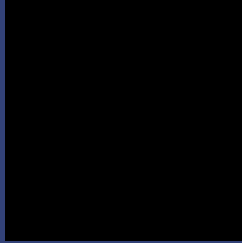
Any Text WCAG AA × Fail

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 334278 Background



This preview shows how black text looks on a background with the Hex color 334278.



This preview shows how white text looks on a background with the Hex color 334278.

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
334278

Protanopia
2C4379

Deuteranopia
1E4677



Tritanopia
234B51

Trichromacy



Original Color
334278

Protanomaly
2F4379

Deuteranomaly
264577

Tritanomaly
29485F

Monochromacy



Original Color
334278

Achromatopsia
444444

Achromatomaly
3E4357

CSS Examples

Text

The CSS property to change the color of the text to Hex 334278 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 #334278 looks like.

```
.text, #text, p{  
    color:#334278  
}
```

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 #334278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334278
}
```

Border

The CSS property to change the border of an element to Hex 334278 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
#334278 }
```

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

```
.border{ border-color:#334278 }
```

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

Here you see how a box with a 4 pixel #334278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334278; -webkit-box-shadow:4px 4px  
4px 4px #334278; box-shadow:4px 4px 4px  
4px #334278 }
```

Background

The CSS property to change the background color of an element to Hex 334278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334278 }
```

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

```
.background{ background-color:#334278 }
```

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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