

Converting Colors

Hex(34498D)

Have a look what the booklet for
Hex(34498D) contains.

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Color

Hex(34498D)

Conversions

Conversions Part 1

Format	Color
Hex	34498D
RGB	52, 73, 141
RGB Percent	20%, 29%, 55%
CMY	0.7961, 0.7137, 0.4471
CMYK	0.63, 0.48, 0.00, 0.45
HSL	226°, 46%, 38%
HSV	226°, 63%, 55%
XYZ	8.6064, 7.4182, 26.1776
YIQ	74.4730, -34.3440, 16.6960

Conversions

Conversions Part 2

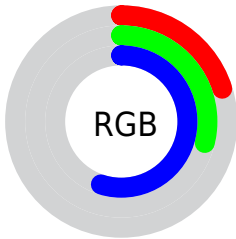
Format	Color
RYB	52, 69, 141
Decimal	3426701
CIELab	32.74, 14.44, -40.33
CIElCh	33, 42.832, 289.696
Yxy	7.4182, 0.2039, 0.1758
Android (android.graphics.Color)	4281616781 (0xFF34498D)
YUV	74.4730, 32.7978, -19.7088
Hunter-Lab	27.2364, 8.7404, -37.9194




Details

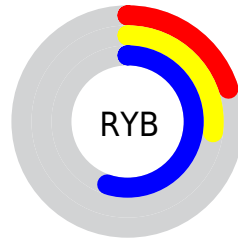
The Hex color **34498D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8D7834**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **6B79C3**, and **001E5A** is the 20% darker color. If you saturate the color by 10%, you get **263E8D**, and if you desaturate by 10%, it is **42548D**.

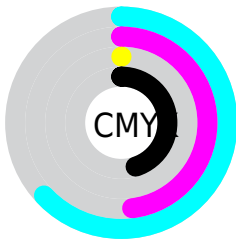
Distribution







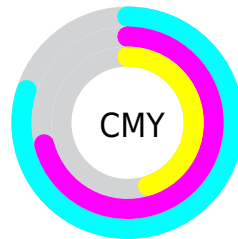
-  Red (20%)
-  Green (29%)
-  Blue (55%)






-  Red (20%)
-  Yellow (27%)
-  Blue (55%)



-  Cyan (63%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (80%)
-  Magenta (71%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34498D 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 34498D by changing the saturation by 10% instead.

■ 34498D

■ 34498D

FFFFFF

■ 133373

■ 6B79C3

■ 001E5A

■ 8693DF

■ 000542

■ A2ADFC

■ 00032B

■ BEC9FF

■ 000116

■ DBE5FF

■ 000000

■ F9FFFF

■ 34498D

■ 34498D

■ 263E8D

■ 42548D

■ 18338D

■ 505F8D

■ 0A298D

■ 5E698D

■ 00218D

■ 6C748D

■ 7B7F8D

■ 898A8D

■ 97948D

■ A59F8D

■ B3AA8D

Harmonies

Analogous

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



005490



34498D



6A3A79

Triad

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



34498D



7E391A



005C40

Complementary

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



34498D



8D7834

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.



1C591E



34498D



674700

Square

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



34498D



892C38



485200



005D63

Rectangle

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



34498D



7D3065



485200



005B34

Sweetspot

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



34498D



959DB8



348D77



474C5C



DBDBDB



5C5C5C

Same Dimension

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



34498D



2C4DB8



4A348D



404247



002087



000208

Inverse Universe

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



8D3449



B82C4D



778D34



474042



870020



080002

Previews

White Background



This preview shows how the Hex color 34498D looks on a white background.

Color Contrast Check

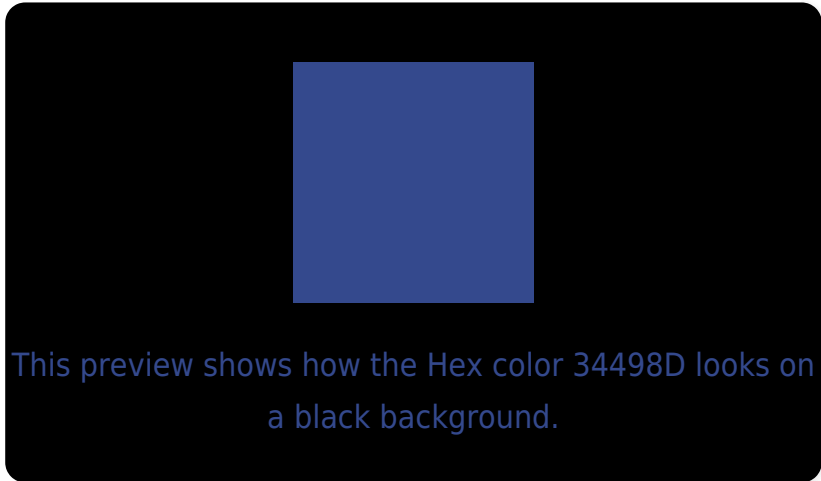
Large Text (above 18pt) WCAG AA ✓ Pass

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

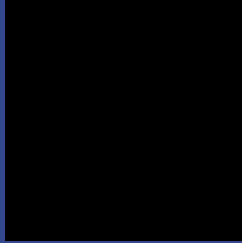
Any Text WCAG AA × Fail

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 34498D Background



This preview shows how black text looks on a background with the Hex color 34498D.



This preview shows how white text looks on a background with the Hex color 34498D.

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





Tritanopia
19555B

Trichromacy



Original Color
34498D

Protanomaly
2D4A8E

Deuteranomaly
134C8C

Tritanomaly
23516D

Monochromacy



Original Color
34498D

Achromatopsia
4A4A4A

Achromatomaly
424A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 34498D 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 #34498D looks like.

```
.text, #text, p{  
    color:#34498D  
}
```

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 #34498D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34498D
}
```

Border

The CSS property to change the border of an element to Hex 34498D 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
#34498D }
```

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

```
.border{ border-color:#34498D }
```

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

Here you see how a box with a 4 pixel #34498D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34498D; -webkit-box-shadow:4px 4px  
4px 4px #34498D; box-shadow:4px 4px 4px  
4px #34498D }
```

Background

The CSS property to change the background color of an element to Hex 34498D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34498D }
```

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

```
.background{ background-color:#34498D }
```

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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