

# Converting Colors

Hex(35448E)

Have a look what the booklet for  
Hex(35448E) contains.

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# Color

**Hex(35448E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	35448E
RGB	53, 68, 142
RGB Percent	21%, 27%, 56%
CMY	0.7922, 0.7333, 0.4431
CMYK	0.63, 0.52, 0.00, 0.44
HSL	230°, 46%, 38%
HSV	230°, 63%, 56%
XYZ	8.4178, 6.8441, 26.4686
YIQ	71.9510, -32.6940, 19.8340

# Conversions

## Conversions Part 2

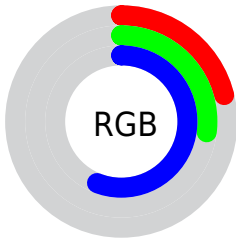
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 66, 142
Decimal	3490958
CIE <sub>Lab</sub>	31.45, 18.35, -43.01
CIE <sub>LCh</sub>	31, 46.762, 293.104
Yxy	6.8441, 0.2017, 0.1640
Android (android.graphics.Color)	4281681038 (0xFF35448E)
YUV	71.9510, 34.5342, -16.6200
Hunter-Lab	26.1613, 11.6530, -41.6735

# Details

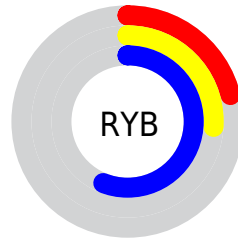
The Hex color **35448E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8E7F35**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6C74C4**, and **001A5B** is the 20% darker color. If you saturate the color by 10%, you get **27388E**, and if you desaturate by 10%, it is **43508E**.

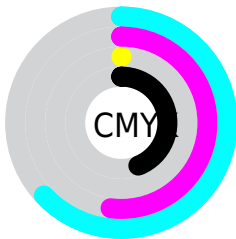
# Distribution



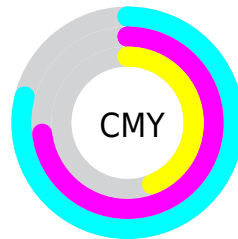
- Red (21%)
- Green (27%)
- Blue (56%)



- Red (21%)
- Yellow (26%)
- Blue (56%)



- Cyan (63%)
- Magenta (52%)
- Yellow (0%)
- Black (44%)



- Cyan (79%)
- Magenta (73%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35448E 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 35448E by changing the saturation by 10% instead.



■ 35448E

■ 35448E

FFFFFF

■ 142E74

■ 6C74C4

■ 001A5B

■ 888DE1

■ 000043

■ A4A8FD

■ 00032C

■ C0C3FF

■ 000116

■ DDDFFF

■ 000000

■ FAFBFF

■ 35448E

■ 35448E

■ 27388E

■ 43508E

■ 192C8E

■ 515C8E

■ 0A218E

■ 60678E

■ 00188E

■ 6E738E

■ 7C7F8E

■ 8A8B8E

■ 98978E

■ A7A28E

■ B5AE8E

# Harmonies

## Analogous

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



005193



35448E



6D3277

# Triad

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



35448E



7B350D



005A40

# Complementary

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



35448E



8E7F35

# 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.



00571A



35448E



614500

# Square

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



35448E



892530



3F5000



005A66

# Rectangle

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



35448E



802660



3F5000



005933



# Sweetspot

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



35448E



959BB8



358E7E



474A5C



DBDBDB



5C5C5C



# Same Dimension

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



35448E



2E45B8



51358E



404147



001787



000108



# Inverse Universe

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



8E3544



B82E45



728E35



474041



870017



080001



# Previews

## White Background



This preview shows how the Hex color 35448E looks on a white background.

## Color Contrast Check

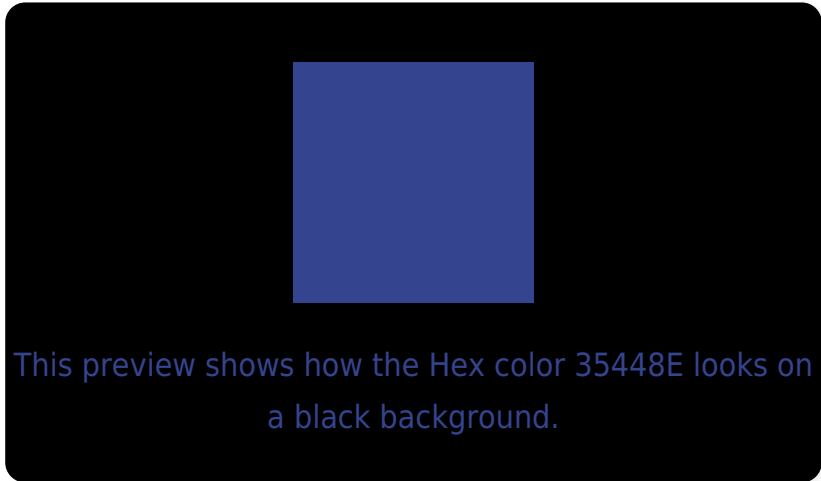
Large Text (above 18pt) WCAG AA ✓ Pass

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

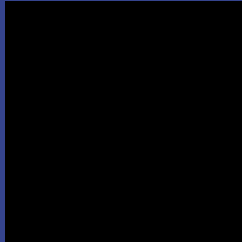
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35448E Background



This preview shows how black text looks on a background with the Hex color 35448E.



This preview shows how white text looks on a background with the Hex color 35448E.

# 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**  
185158

# Trichromacy



**Original Color**  
35448E

**Protanomaly**  
244691

**Deuteranomaly**  
134888

**Tritanomaly**  
234C6C

# Monochromacy



**Original Color**  
35448E

**Achromatopsia**  
484848

**Achromatomaly**  
414761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35448E 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 #35448E looks like.

```
.text, #text, p{  
    color:#35448E  
}
```

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 #35448E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35448E
}
```

## Border

The CSS property to change the border of an element to Hex 35448E is called "border". The border property can be set on classes, ids or directly on the HTML element.

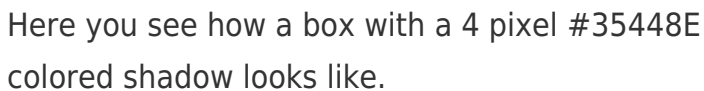
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35448E }
```

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

```
.border{ border-color:#35448E }
```

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



Here you see how a box with a 4 pixel #35448E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35448E; -webkit-box-shadow:4px 4px  
4px 4px #35448E; box-shadow:4px 4px 4px  
4px #35448E }
```

# Background

The CSS property to change the background color of an element to Hex 35448E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35448E }
```

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

```
.background{ background-color:#35448E }
```

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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