

# Converting Colors

Hex(354A83)

Have a look what the booklet for  
Hex(354A83) contains.

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# Color

**Hex(354A83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	354A83
RGB	53, 74, 131
RGB Percent	21%, 29%, 51%
CMY	0.7922, 0.7098, 0.4863
CMYK	0.60, 0.44, 0.00, 0.49
HSL	224°, 42%, 36%
HSV	224°, 60%, 51%
XYZ	8.0137, 7.2931, 22.4581
YIQ	74.2190, -30.8130, 13.2750

# Conversions

## Conversions Part 2

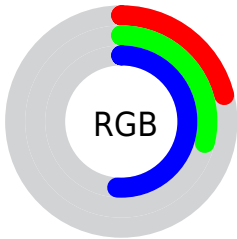
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 70, 131
Decimal	3492483
CIELab	32.47, 10.35, -34.61
CIElCh	32, 36.121, 286.645
Yxy	7.2931, 0.2122, 0.1931
Android (android.graphics.Color)	4281682563 (0xFF354A83)
YUV	74.2190, 27.9930, -18.6091
Hunter-Lab	27.0058, 5.7080, -30.4016

# Details

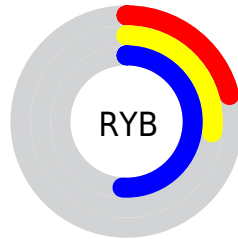
The Hex color **354A83** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **836E35**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6A7AB8**, and **001F51** is the 20% darker color. If you saturate the color by 10%, you get **284083**, and if you desaturate by 10%, it is **425483**.

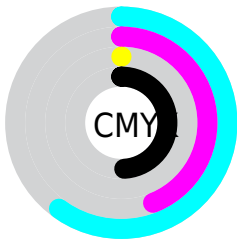
# Distribution



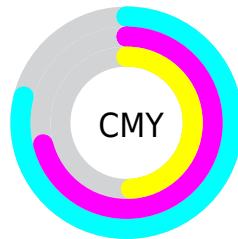
- Red (21%)
- Green (29%)
- Blue (51%)



- Red (21%)
- Yellow (27%)
- Blue (51%)



- Cyan (60%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)



- Cyan (79%)
- Magenta (71%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 354A83 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 354A83 by changing the saturation by 10% instead.



■ 354A83

■ 354A83

FFFFFF

■ 18346A

■ 6A7AB8

■ 001F51

■ 8594D4

■ 00063A

■ A0AFF1

■ 000223

■ BCCAFF

■ 00000B

■ D9E6FF

■ 000000

■ F6FFFF

■ 354A83

■ 354A83

■ 284083

■ 425483

■ 1B3783

■ 4F5D83

■ 0E2D83

■ 5C6783

■ 012483

■ 697083

■ 002383

■ 777A83

■ 848383

■ 918D83

■ 9E9783

■ ABA083

# Harmonies

## Analogous

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



005384



354A83



623E74

# Triad

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



354A83



793B24



00593E

# Complementary

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



354A83



836E35

# 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.



2B5623



354A83



664611

# Square

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



354A83



80333E



4C5010



005A5C

# Rectangle

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



354A83



743763



4C5010



005835



# Sweetspot

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



354A83



8C94AB



35836D



444957



D6D6D6



575757



# Same Dimension

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



354A83



3252AB



463583



3C3D42



002382



000103



# Inverse Universe

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



83354A



AB3252



728335



423C3D



820023



030001



# Previews

## White Background



This preview shows how the Hex color 354A83 looks on a white background.

## Color Contrast Check

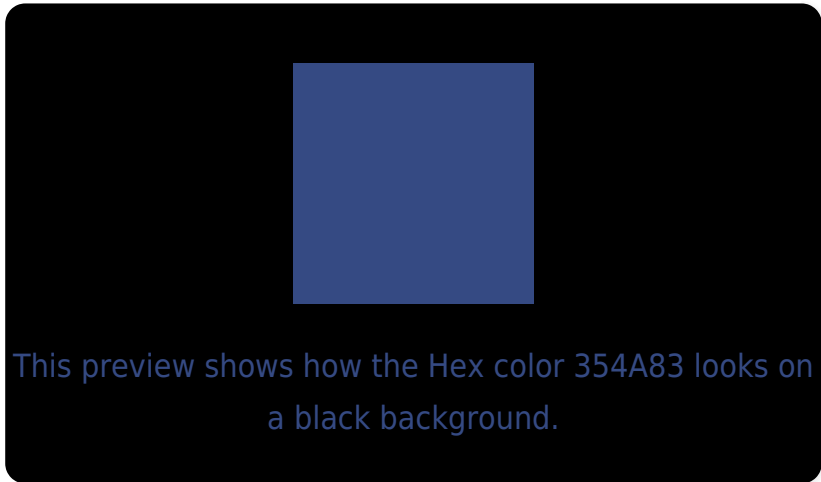
Large Text (above 18pt) WCAG AA ✓ Pass

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

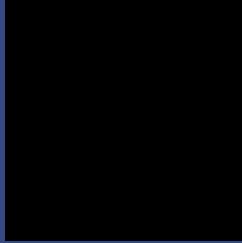
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 354A83 Background



This preview shows how black text looks on a background with the Hex color 354A83.



This preview shows how white text looks on a background with the Hex color 354A83.

# 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](#).

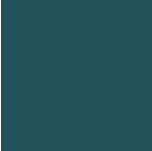
## Dichromacy



**Original Color**  
354A83

**Protanopia**  
334A83

**Deuteranopia**  
244D82



**Tritanopia**  
23535A

# Trichromacy



**Original Color**  
354A83

**Protanomaly**  
344A83

**Deuteranomaly**  
2A4C82

**Tritanomaly**  
2A5069

# Monochromacy



**Original Color**  
354A83

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
424A5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 354A83 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 #354A83 looks like.

```
.text, #text, p{  
    color:#354A83  
}
```

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 #354A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354A83
}
```

## Border

The CSS property to change the border of an element to Hex 354A83 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
#354A83 }
```

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

```
.border{ border-color:#354A83 }
```

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

Here you see how a box with a 4 pixel #354A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354A83; -webkit-box-shadow:4px 4px  
4px 4px #354A83; box-shadow:4px 4px 4px  
4px #354A83 }
```

# Background

The CSS property to change the background color of an element to Hex 354A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354A83 }
```

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

```
.background{ background-color:#354A83 }
```

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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