

Converting Colors

Hex(354B7C)

Have a look what the booklet for
Hex(354B7C) contains.

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Color

Hex(354B7C)

Conversions

Conversions Part 1

Format	Color
Hex	354B7C
RGB	53, 75, 124
RGB Percent	21%, 29%, 49%
CMY	0.7922, 0.7059, 0.5137
CMYK	0.57, 0.40, 0.00, 0.51
HSL	221°, 40%, 35%
HSV	221°, 57%, 49%
XYZ	7.6224, 7.2443, 20.0653
YIQ	74.0080, -28.8410, 10.5750

Conversions

Conversions Part 2

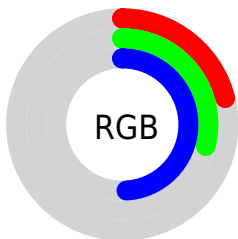
Format	Color
R_{YB}	53, 70, 124
Decimal	3492732
CIE _{Lab}	32.36, 7.19, -30.44
CIE _{LCh}	32, 31.276, 283.281
Yxy	7.2443, 0.2182, 0.2074
Android (android.graphics.Color)	4281682812 (0xFF354B7C)
YUV	74.0080, 24.6461, -18.4240
Hunter-Lab	26.9152, 3.4495, -25.3602

Details

The Hex color **354B7C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C6635**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **697BB1**, and **00204B** is the 20% darker color. If you saturate the color by 10%, you get **29427C**, and if you desaturate by 10%, it is **41547C**.

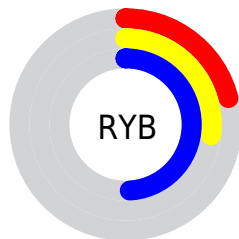
Distribution



Red (21%)

Green (29%)

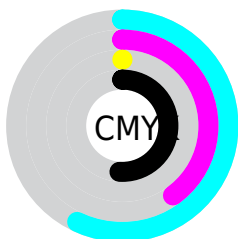
Blue (49%)



Red (21%)

Yellow (27%)

Blue (49%)

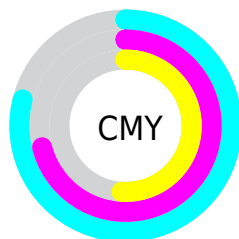


Cyan (57%)

Magenta (40%)

Yellow (0%)

Black (51%)



Cyan (79%)

Magenta (71%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 354B7C 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 354B7C by changing the saturation by 10% instead.

■ 354B7C

■ 354B7C

FFFFFF

■ 193563

■ 697BB1

■ 00204B

■ 8495CC

■ 000734

■ 9FB0E9

■ 00021E

■ BBCBFF

■ 000000

■ D7E7FF

■ F4FFFF

■ 354B7C

■ 354B7C

■ 29427C

■ 41547C

■ 1C3A7C

■ 4E5C7C

■ 10317C

■ 5A657C

■ 03297C

■ 676D7C

■ 00267C

■ 73767C

■ 7F7E7C

■ 8C877C

■ 988F7C

■ A5987C

Harmonies

Analogous

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



00537B



354B7C



5C4170

Triad

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



354B7C



753D2B



03573D

Complementary

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



354B7C



7C6635

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.



345427



354B7C



66461C

Square

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



354B7C



7A3742



504E19



005857

Rectangle

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



354B7C



6C3B63



504E19



1B5735

Sweetspot

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



354B7C



858EA1



357C66



414652



D1D1D1



525252

Same Dimension

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



354B7C



3254A1



42357C



37393D



00277D



004EFC

Inverse Universe

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



7C354B



A13254



6F7C35



3D3739



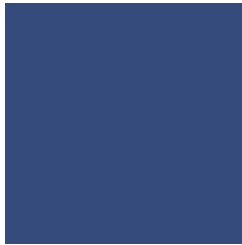
7D0027



FC004E

Previews

White Background



This preview shows how the Hex color 354B7C looks on a white background.

Color Contrast Check

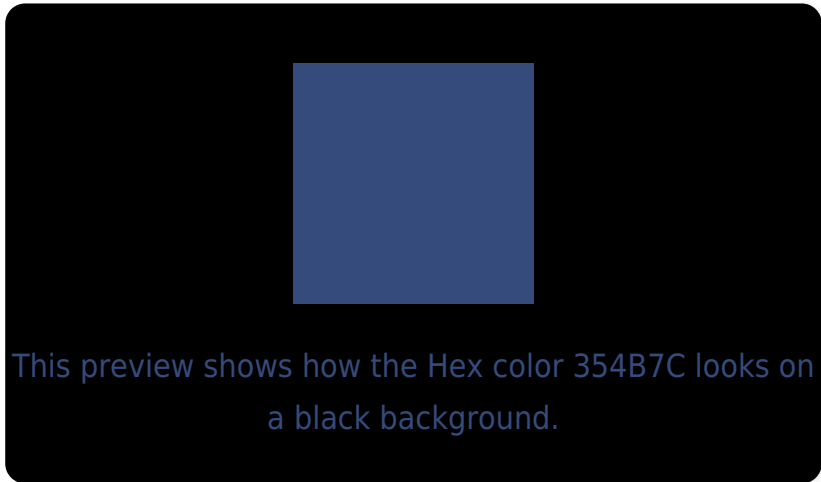
Large Text (above 18pt) WCAG AA ✓ Pass

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

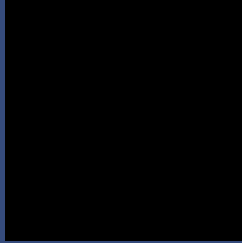
Any Text WCAG AA × Fail

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 354B7C Background



This preview shows how black text looks on a background with the Hex color 354B7C.



This preview shows how white text looks on a background with the Hex color 354B7C.

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](#).

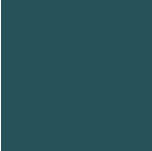
Dichromacy



Original Color
354B7C

Protanopia
394A7B

Deuteranopia
2F4C7C



Tritanopia
275259

Trichromacy



Original Color
354B7C

Protanomaly
384A7B

Deuteranomaly
314C7C

Tritanomaly
2C4F66

Monochromacy



Original Color
354B7C

Achromatopsia
4A4A4A

Achromatomaly
424A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 354B7C 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 #354B7C looks like.

```
.text, #text, p{  
    color:#354B7C  
}
```

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 #354B7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354B7C
}
```

Border

The CSS property to change the border of an element to Hex 354B7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

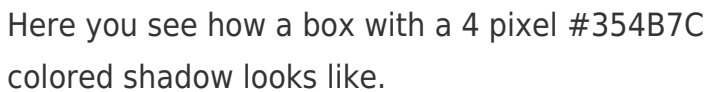
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#354B7C }
```

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

```
.border{ border-color:#354B7C }
```

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



Here you see how a box with a 4 pixel #354B7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354B7C; -webkit-box-shadow:4px 4px  
4px 4px #354B7C; box-shadow:4px 4px 4px  
4px #354B7C }
```

Background

The CSS property to change the background color of an element to Hex 354B7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354B7C }
```

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

```
.background{ background-color:#354B7C }
```

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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