

Converting Colors

Hex(355C84)

Have a look what the booklet for
Hex(355C84) contains.

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Color

Hex(355C84)

Conversions

Conversions Part 1

Format	Color
Hex	355C84
RGB	53, 92, 132
RGB Percent	21%, 36%, 52%
CMY	0.7922, 0.6392, 0.4824
CMYK	0.60, 0.30, 0.00, 0.48
HSL	210°, 43%, 36%
HSV	210°, 60%, 52%
XYZ	9.4602, 10.0771, 23.2763
YIQ	84.8990, -36.0840, 4.1720

Conversions

Conversions Part 2

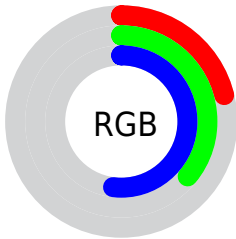
Format	Color
RYB	53, 79, 132
Decimal	3497092
CIELab	37.98, -0.96, -26.52
CIELCh	38, 26.534, 267.931
Yxy	10.0771, 0.2210, 0.2354
Android (android.graphics.Color)	4281687172 (0xFF355C84)
YUV	84.8990, 23.2208, -27.9754
Hunter-Lab	31.7445, -2.3579, -21.2526




Details

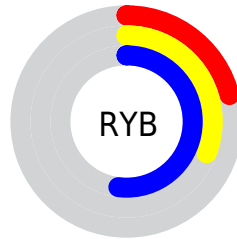
The Hex color **355C84** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **845D35**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **6A8EB9**, and **002F52** is the 20% darker color. If you saturate the color by 10%, you get **285584**, and if you desaturate by 10%, it is **426384**.

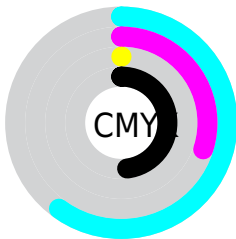
Distribution







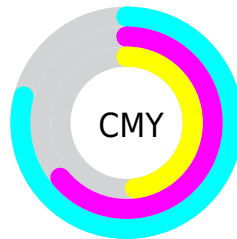
-  Red (21%)
-  Green (36%)
-  Blue (52%)






-  Red (21%)
-  Yellow (31%)
-  Blue (52%)



-  Cyan (60%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (79%)
-  Magenta (64%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355C84 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 355C84 by changing the saturation by 10% instead.

■ 355C84

■ 355C84

FFFFFF

■ 17456B

■ 6A8EB9

■ 002F52

■ 85A8D5

■ 001A3B

■ A1C4F2

■ 000225

■ BCDFFF

■ 00010E

■ D9FCFF

■ 000000

■ F6FFFF

■ 355C84

■ 355C84

■ 285584

■ 426384

■ 1B4F84

■ 4F6984

■ 0D4884

■ 5D7084

■ 004184

■ 6A7784

■ 777D84

■ 848484

■ 918B84

■ 9F9184

■ AC9884

Harmonies

Analogous

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



00617D



355C84



59547F

Triad

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



355C84



824A46



396242

Complementary

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



355C84



845D35

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.



535E33



355C84



795036

Square

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



355C84



81485C



68582E



166557

Rectangle

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



355C84



6C4F76



68582E



42613C

Sweetspot

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



355C84



8C9BAB



35845D



444D57



D6D6D6



575757

Same Dimension

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



355C84



306DAB



353584



3C3F42



004082



000103

Inverse Universe

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



84355C



AB306D



848435



423C3F



820040



030001

Previews

White Background



This preview shows how the Hex color 355C84 looks on a white background.

Color Contrast Check

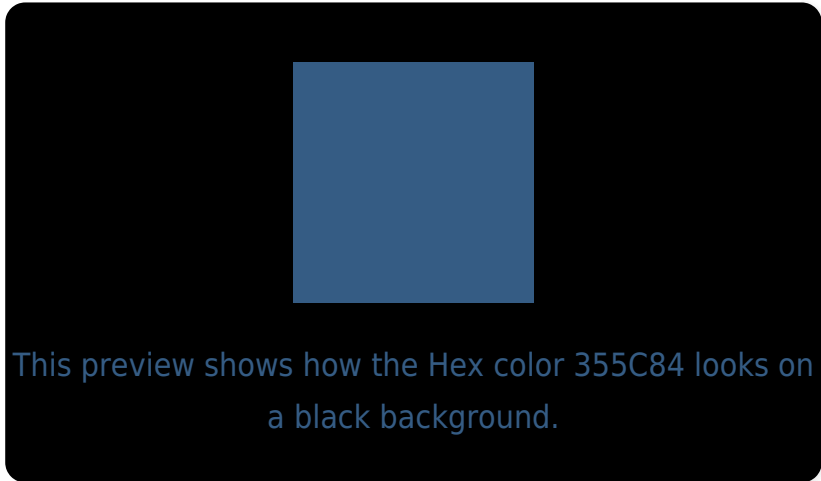
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 355C84 Background



This preview shows how black text looks on a background with the Hex color 355C84.



This preview shows how white text looks on a background with the Hex color 355C84.

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](#).

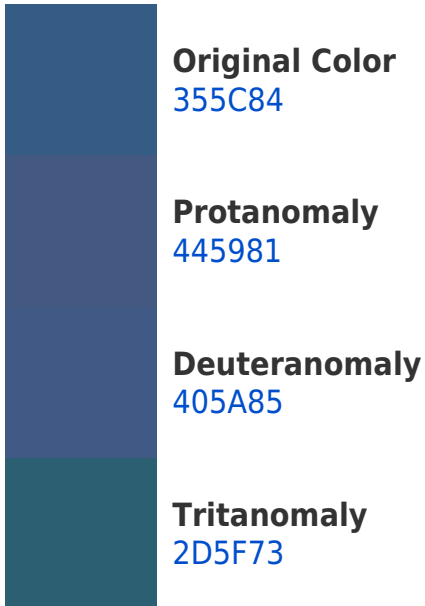
Dichromacy





Tritanopia
296169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 355C84 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 #355C84 looks like.

```
.text, #text, p{  
    color:#355C84  
}
```

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 #355C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355C84
}
```

Border

The CSS property to change the border of an element to Hex 355C84 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
#355C84 }
```

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

```
.border{ border-color:#355C84 }
```

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

Here you see how a box with a 4 pixel #355C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355C84; -webkit-box-shadow:4px 4px  
4px 4px #355C84; box-shadow:4px 4px 4px  
4px #355C84 }
```

Background

The CSS property to change the background color of an element to Hex 355C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355C84 }
```

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

```
.background{ background-color:#355C84 }
```

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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