

Converting Colors

Hex(355D8F)

Have a look what the booklet for
Hex(355D8F) contains.

Hex(355D8F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(355D8F)

Conversions

Conversions Part 1

Format	Color
Hex	355D8F
RGB	53, 93, 143
RGB Percent	21%, 36%, 56%
CMY	0.7922, 0.6353, 0.4392
CMYK	0.63, 0.35, 0.00, 0.44
HSL	213°, 46%, 38%
HSV	213°, 63%, 56%
XYZ	10.3405, 10.5688, 27.4816
YIQ	86.7400, -39.8900, 7.0700

Conversions

Conversions Part 2

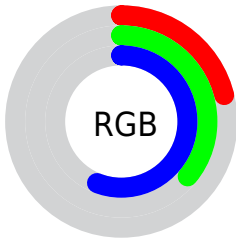
Format	Color
RYB	53, 81, 143
Decimal	3497359
CIELab	38.84, 2.29, -31.83
CIElCh	39, 31.916, 274.120
Yxy	10.5688, 0.2137, 0.2184
Android (android.graphics.Color)	4281687439 (0xFF355D8F)
YUV	86.7400, 27.7362, -29.5900
Hunter-Lab	32.5096, -0.1156, -27.3633

Details

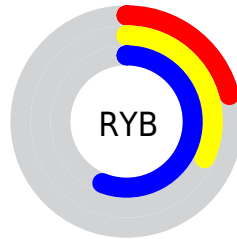
The Hex color **355D8F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F6735**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6C8FC5**, and **00305C** is the 20% darker color. If you saturate the color by 10%, you get **27558F**, and if you desaturate by 10%, it is **43658F**.

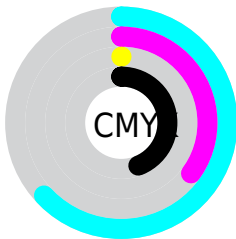
Distribution



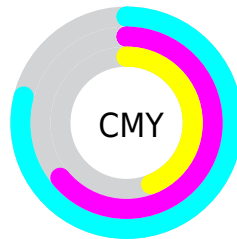
- Red (21%)
- Green (36%)
- Blue (56%)



- Red (21%)
- Yellow (32%)
- Blue (56%)



- Cyan (63%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (79%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355D8F 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 355D8F by changing the saturation by 10% instead.

■ 355D8F

FFFFFF

■ 6C8FC5

■ 87A9E1

■ A3C5FE

■ BFE0FF

■ DCFDFF

■ F9FFFF

■ 355D8F

■ 27558F

■ 355D8F

■ 154675

■ 00305C

■ 001B44

■ 00042E

■ 000118

■ 000000

■ 355D8F

■ 43658F

■ 184D8F

■ 526D8F

■ 0A458F

■ 60758F

■ 00408F

■ 6E7D8F

■ 7D858F

■ 8B8D8F

■ 99958F

■ A79D8F

■ B6A58F

Harmonies

Analogous

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



00648A



355D8F



625386

Triad

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



355D8F



8A4940



2A6744

Complementary

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



355D8F



8F6735

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.



4C622F



355D8F



7D522D

Square

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



355D8F



8B4659



675B26



00695E

Rectangle

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



355D8F



774D7A



675B26



37663C

Sweetspot

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



355D8F



97A7BA



358F66



49525E



DEDEDE



5E5E5E

Same Dimension

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



355D8F



2D6CBA



3A358F



404347



003C87



000308

Inverse Universe

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



8F355D



BA2D6C



8B8F35



474043



87003C



080003

Previews

White Background



This preview shows how the Hex color 355D8F looks on a white background.

Color Contrast Check

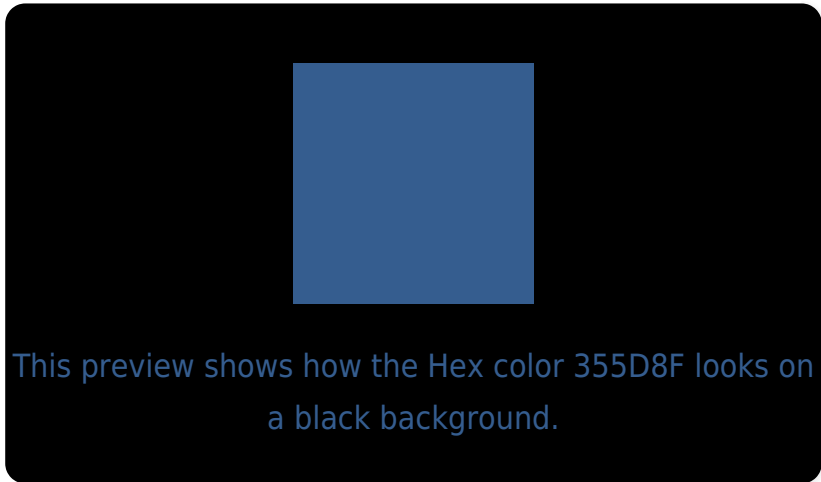
Large Text (above 18pt) WCAG AA ✓ Pass

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 355D8F Background



This preview shows how black text looks on a background with the Hex color 355D8F.



This preview shows how white text looks on a background with the Hex color 355D8F.

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
355D8F

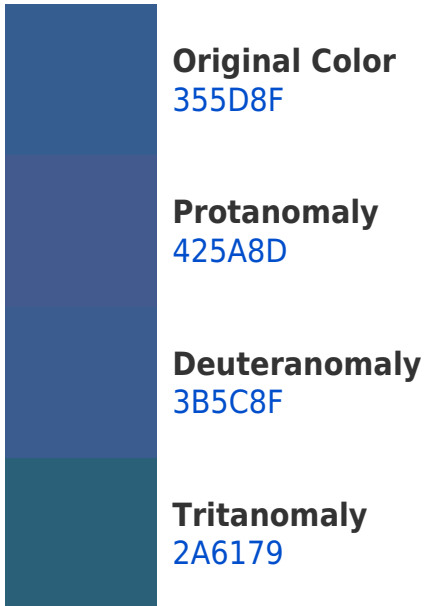
Protanopia
49598C

Deuteranopia
3F5B8F



Tritanopia
23646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 355D8F 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 #355D8F looks like.

```
.text, #text, p{  
    color:#355D8F  
}
```

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 #355D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355D8F
}
```

Border

The CSS property to change the border of an element to Hex 355D8F 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
#355D8F }
```

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

```
.border{ border-color:#355D8F }
```

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

Here you see how a box with a 4 pixel #355D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355D8F; -webkit-box-shadow:4px 4px  
4px 4px #355D8F; box-shadow:4px 4px 4px  
4px #355D8F }
```

Background

The CSS property to change the background color of an element to Hex 355D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355D8F }
```

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

```
.background{ background-color:#355D8F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor