

Converting Colors

Hex(353E97)

Have a look what the booklet for
Hex(353E97) contains.

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Color

Hex(353E97)

Conversions

Conversions Part 1

Format	Color
Hex	353E97
RGB	53, 62, 151
RGB Percent	21%, 24%, 59%
CMY	0.7922, 0.7569, 0.4078
CMYK	0.65, 0.59, 0.00, 0.41
HSL	234°, 48%, 40%
HSV	234°, 65%, 59%
XYZ	8.7767, 6.4365, 30.0579
YIQ	69.4550, -33.9330, 25.7710

Conversions

Conversions Part 2

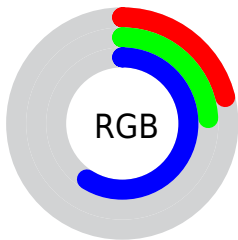
Format	Color
R_{YB}	53, 61, 151
Decimal	3489431
CIE _{Lab}	30.49, 25.62, -50.07
CIE _{LCh}	30, 56.246, 297.094
Yxy	6.4365, 0.1939, 0.1422
Android (android.graphics.Color)	4281679511 (0xFF353E97)
YUV	69.4550, 40.2017, -14.4310
Hunter-Lab	25.3703, 17.3534, -52.4859

Details

The Hex color **353E97** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **978E35**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6E6DCE**, and **001463** is the 20% darker color. If you saturate the color by 10%, you get **263097**, and if you desaturate by 10%, it is **444C97**.

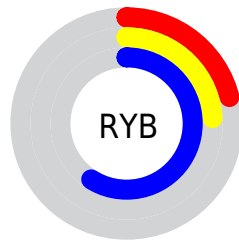
Distribution



 Red (21%)

 Green (24%)

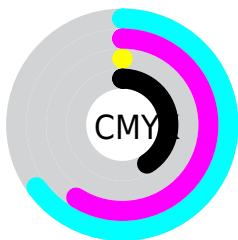
 Blue (59%)





 Red (21%)

 Yellow (24%)

 Blue (59%)

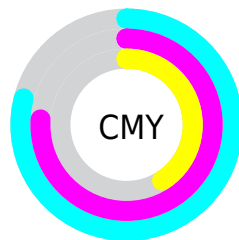


 Cyan (65%)

 Magenta (59%)

 Yellow (0%)

 Black (41%)



 Cyan (79%)

 Magenta (76%)

 Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353E97 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 353E97 by changing the saturation by 10% instead.

■ 353E97

■ 353E97

FFFFFF

■ 10287D

■ 6E6DCE

■ 001463

■ 8A87EB

■ 00004B

■ A7A1FF

■ 000433

■ C3BCFF

■ 00021D

■ E1D8FF

■ 000000

■ FEF4FF

■ 353E97

■ 353E97

■ 263097

■ 444C97

■ 172397

■ 535997

■ 081597

■ 626797

■ 000E97

■ 717597

■ 818397

■ 909097

■ 9F9E97

■ AEAC97

■ BDB997

Harmonies

Analogous

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



004FA1



353E97



772378

Triad

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



353E97



7C3100



005A42

Complementary

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



353E97



978E35

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.



005712



353E97



5C4500

Square

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



353E97



901223



325100



005A6F

Rectangle

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



353E97



8B095D



325100



005933

Sweetspot

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



353E97



9FA2C4



35978D



4D4F63



E3E3E3



636363

Same Dimension

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



353E97



2B39C4



5C3597



45464D



000D8C



00010D

Inverse Universe

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



97353E



C42B39



709735



4D4546



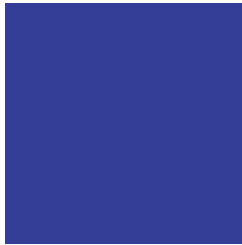
8C000D



0D0001

Previews

White Background



This preview shows how the Hex color 353E97 looks on a white background.

Color Contrast Check

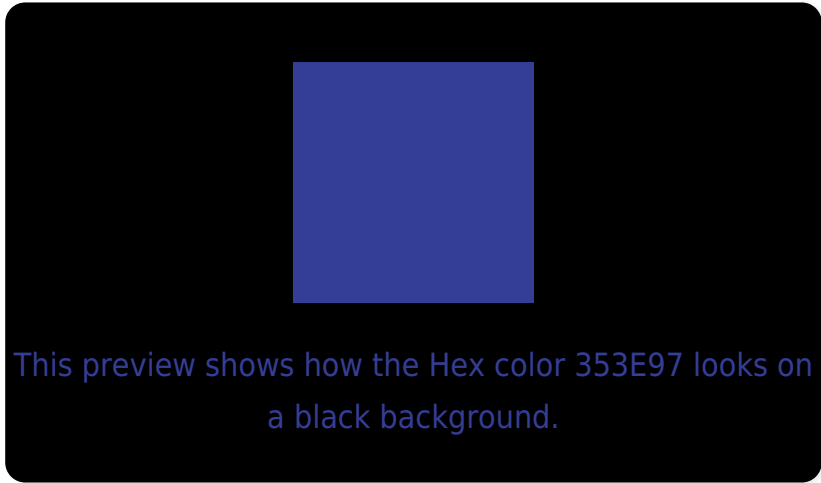
Large Text (above 18pt) WCAG AA ✓ Pass

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

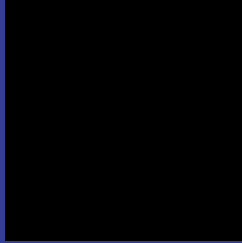
Any Text WCAG AA × Fail

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 353E97 Background



This preview shows how black text looks on a background with the Hex color 353E97.



This preview shows how white text looks on a background with the Hex color 353E97.

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
353E97

Protanopia
004593

Deuteranopia
00497F

Trichromacy



Original Color
353E97

Protanomaly
134294

Deuteranomaly
134588

Tritanomaly
13496E

Monochromacy



Original Color
353E97

Achromatopsia
454545

Achromatomaly
3F4263

CSS Examples

Text

The CSS property to change the color of the text to Hex 353E97 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 #353E97 looks like.

```
.text, #text, p{  
    color:#353E97  
}
```

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 #353E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353E97
}
```

Border

The CSS property to change the border of an element to Hex 353E97 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
#353E97 }
```

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

```
.border{ border-color:#353E97 }
```

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

Here you see how a box with a 4 pixel #353E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353E97; -webkit-box-shadow:4px 4px  
4px 4px #353E97; box-shadow:4px 4px 4px  
4px #353E97 }
```

Background

The CSS property to change the background color of an element to Hex 353E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353E97 }
```

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

```
.background{ background-color:#353E97 }
```

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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