

Converting Colors

Hex(353EC7)

Have a look what the booklet for
Hex(353EC7) contains.

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Color

Hex(353EC7)

Conversions

Conversions Part 1

Format	Color
Hex	353EC7
RGB	53, 62, 199
RGB Percent	21%, 24%, 78%
CMY	0.7922, 0.7569, 0.2196
CMYK	0.73, 0.69, 0.00, 0.22
HSL	236°, 58%, 49%
HSV	236°, 73%, 78%
XYZ	13.4996, 8.3257, 54.9283
YIQ	74.9270, -49.3410, 40.6990

Conversions

Conversions Part 2

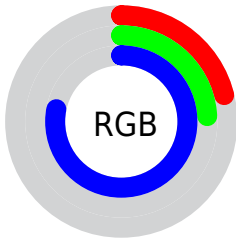
Format	Color
R_{YB}	53, 61, 199
Decimal	3489479
CIE _{Lab}	34.65, 42.55, -71.88
CIE _{LCh}	35, 83.528, 300.621
Yxy	8.3257, 0.1759, 0.1085
Android (android.graphics.Color)	4281679559 (0xFF353EC7)
YUV	74.9270, 61.1680, -19.2300
Hunter-Lab	28.8542, 33.0175, -92.6695

Details

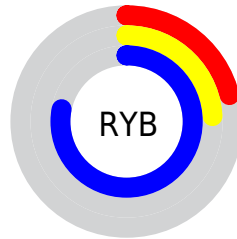
The Hex color **353EC7** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C7BE35**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **796EFF**, and **001390** is the 20% darker color. If you saturate the color by 10%, you get **212BC7**, and if you desaturate by 10%, it is **4951C7**.

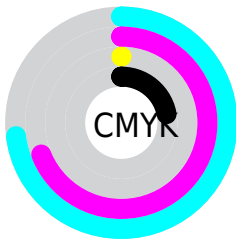
Distribution



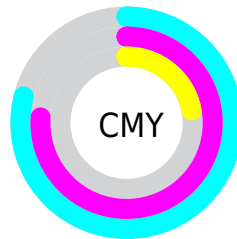
- Red (21%)
- Green (24%)
- Blue (78%)



- Red (21%)
- Yellow (24%)
- Blue (78%)



- Cyan (73%)
- Magenta (69%)
- Yellow (0%)
- Black (22%)



- Cyan (79%)
- Magenta (76%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353EC7 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 353EC7 by changing the saturation by 10% instead.

 353EC7

 353EC7

FFFFFF

 0028AB

 796EFF

 001390

 9788FF

 000075

 B5A2FF

 00005C

 D4BEFF

 000743

 F2DAFF

 00032C

 FFF6FF

 000116

 000000

 353EC7

 353EC7

■ 212BC7

■ 4951C7

■ 0D19C7

■ 5D63C7

■ 000CC7

■ 7176C7

■ 8589C7

■ 999BC7

■ ACAEC7

■ C0C1C7

■ D4D3C7

■ E8E6C7

Harmonies

Analogous

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



005CDB



353EC7



9D0094

Triad

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



353EC7



952E00



006951

Complementary

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



353EC7



C7BE35

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.



006600



353EC7



635000

Square

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



353EC7



B60013



126000



006A95

Rectangle

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



353EC7



B70069



126000



00693A

Sweetspot

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



353EC7



C7CAFF



35C7BD



5E6080



000000



808080

Same Dimension

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



353EC7



1F2CFF



7435C7



5A5A63



000AA3



000224

Inverse Universe

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



C7353E



FF1F2C



88C735



635A5A



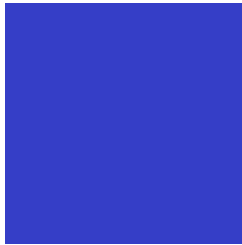
A3000A



240002

Previews

White Background



This preview shows how the Hex color 353EC7 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

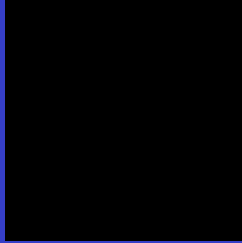
Any Text WCAG AA × Fail

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 353EC7 Background



This preview shows how black text looks on a background with the Hex color 353EC7.



This preview shows how white text looks on a background with the Hex color 353EC7.

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



Trichromacy



Original Color
353EC7

Deuteranomaly
134BA2

Tritanomaly
135085

Monochromacy



Original Color
353EC7

Achromatopsia
4B4B4B

Achromatomaly
434678

CSS Examples

Text

The CSS property to change the color of the text to Hex 353EC7 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 #353EC7 looks like.

```
.text, #text, p{  
    color:#353EC7  
}
```

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 #353EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353EC7
}
```

Border

The CSS property to change the border of an element to Hex 353EC7 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
#353EC7 }
```

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

```
.border{ border-color:#353EC7 }
```

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

Here you see how a box with a 4 pixel #353EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353EC7; -webkit-box-shadow:4px 4px  
4px 4px #353EC7; box-shadow:4px 4px 4px  
4px #353EC7 }
```

Background

The CSS property to change the background color of an element to Hex 353EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353EC7 }
```

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

```
.background{ background-color:#353EC7 }
```

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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