

Converting Colors

Hex(353777)

Have a look what the booklet for
Hex(353777) contains.

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Color

Hex(353777)

Conversions

Conversions Part 1

Format	Color
Hex	353777
RGB	53, 55, 119
RGB Percent	21%, 22%, 47%
CMY	0.7922, 0.7843, 0.5333
CMYK	0.55, 0.54, 0.00, 0.53
HSL	238°, 38%, 34%
HSV	238°, 55%, 47%
XYZ	6.1642, 4.8212, 18.0585
YIQ	61.6980, -21.7360, 19.4800

Conversions

Conversions Part 2

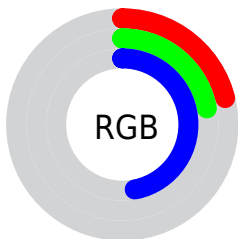
Format	Color
R_{YB}	53, 55, 119
Decimal	3487607
CIE _{Lab}	26.22, 18.91, -37.09
CIE _{LCh}	26, 41.634, 297.008
Yxy	4.8212, 0.2122, 0.1660
Android (android.graphics.Color)	4281677687 (0xFF353777)
YUV	61.6980, 28.2499, -7.6281
Hunter-Lab	21.9572, 11.6863, -33.3925




Details

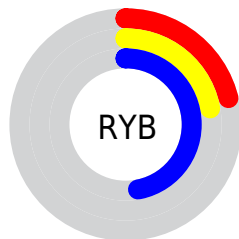
The Hex color **353777** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **777535**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **6966AC**, and **000E46** is the 20% darker color. If you saturate the color by 10%, you get **292B77**, and if you desaturate by 10%, it is **414377**.

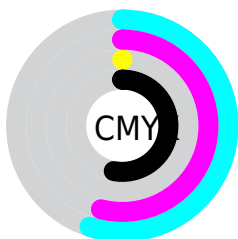
Distribution







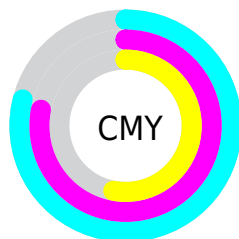
-  Red (21%)
-  Green (22%)
-  Blue (47%)






-  Red (21%)
-  Yellow (22%)
-  Blue (47%)



-  Cyan (55%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (79%)
-  Magenta (78%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353777 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 353777 by changing the saturation by 10% instead.

■ 353777

■ 353777

FFFFFF

■ 19225E

■ 6966AC

■ 000E46

■ 847FC7

■ 00022F

■ 9F99E4

■ 000119

■ BBB3FF

■ 000000

■ D7CFFF

■ F4EBFF

■ 353777

■ 353777

■ 292B77

■ 414377

■ 1D2077

■ 4D4E77

■ 111477

■ 595A77

■ 050977

■ 656577

■ 000477

■ 717177

■ 7C7C77

■ 888877

■ 949377

■ A09F77

Harmonies

Analogous

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



00437E



353777



612761

Triad

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



353777



662E05



004C3A

Complementary

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



353777



777535

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.



004A19



353777



4F3C00

Square

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



353777



741F23



304500



004C5A

Rectangle

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



353777



6F1D4D



304500



004B2F

Sweetspot

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



353777



81829C



357775



3F404F



CFCFCF



4F4F4F

Same Dimension

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



353777



33369C



543577



35353B



00047A



0008FA

Inverse Universe

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



773537



9C3336



587735



3B3535



7A0004



FA0008

Previews

White Background



This preview shows how the Hex color 353777 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 353777 Background



This preview shows how black text looks on a background with the Hex color 353777.

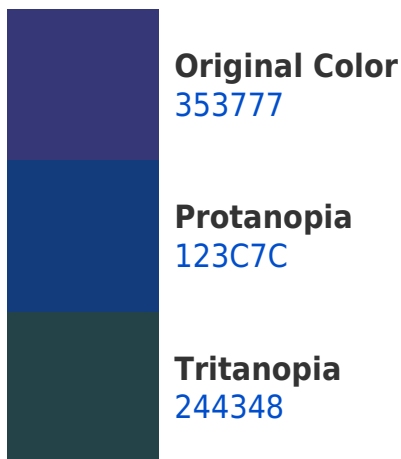


This preview shows how white text looks on a background with the Hex color 353777.

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
353777

Protanomaly
1F3A7A

Tritanomaly
2A3F59

Monochromacy



Original Color
353777

Achromatopsia
3E3E3E

Achromatomaly
3B3B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 353777 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 #353777 looks like.

```
.text, #text, p{  
  color:#353777  
}
```

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 #353777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353777  
}
```

Border

The CSS property to change the border of an element to Hex 353777 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  
#353777 }
```

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

```
.border{ border-color:#353777 }
```

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

Here you see how a box with a 4 pixel #353777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353777; -webkit-box-shadow:4px 4px  
4px 4px #353777; box-shadow:4px 4px 4px  
4px #353777 }
```

Background

The CSS property to change the background color of an element to Hex 353777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353777 }
```

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

```
.background{ background-color:#353777 }
```

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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