

Converting Colors

Hex(353D96)

Have a look what the booklet for
Hex(353D96) contains.

Hex(353D96)	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(353D96)

Conversions

Conversions Part 1

Format	Color
Hex	353D96
RGB	53, 61, 150
RGB Percent	21%, 24%, 59%
CMY	0.7922, 0.7608, 0.4118
CMYK	0.65, 0.59, 0.00, 0.41
HSL	235°, 48%, 40%
HSV	235°, 65%, 59%
XYZ	8.6420, 6.2964, 29.6140
YIQ	68.7540, -33.3370, 25.9830

Conversions

Conversions Part 2

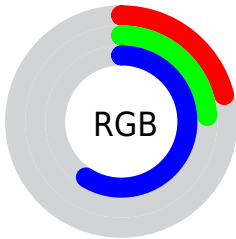
Format	Color
R_{YB}	53, 60, 150
Decimal	3489174
CIE _{Lab}	30.15, 25.92, -50.02
CIE _{LCh}	30, 56.332, 297.394
Yxy	6.2964, 0.1940, 0.1413
Android (android.graphics.Color)	4281679254 (0xFF353D96)
YUV	68.7540, 40.0543, -13.8163
Hunter-Lab	25.0926, 17.5639, -52.4086

Details

The Hex color **353D96** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **968E35**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6E6CCD**, and **001362** is the 20% darker color. If you saturate the color by 10%, you get **262F96**, and if you desaturate by 10%, it is **444B96**.

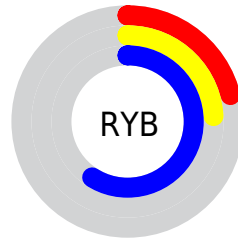
Distribution



Red (21%)

Green (24%)

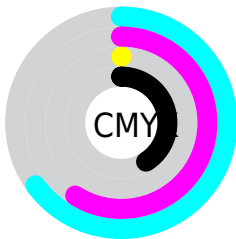
Blue (59%)



Red (21%)

Yellow (24%)

Blue (59%)

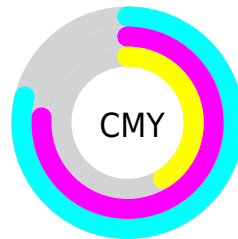


Cyan (65%)

Magenta (59%)

Yellow (0%)

Black (41%)



Cyan (79%)

Magenta (76%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353D96 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 353D96 by changing the saturation by 10% instead.

■ 353D96

■ 353D96

FFFFFF

■ 10277C

■ 6E6CCD

■ 001362

■ 8A86E9

■ 00004A

■ A7A0FF

■ 000432

■ C3BBFF

■ 00021C

■ E0D7FF

■ 000000

■ FEF3FF

■ 353D96

■ 353D96

■ 262F96

■ 444B96

■ 172196

■ 535996

■ 081496

■ 626696

■ 000C96

■ 717496

■ 808296

■ 8F9096

■ 9E9D96

■ ADAB96

■ BCB996

Harmonies

Analogous

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



004EA0



353D96



762177

Triad

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



353D96



7B3000



005942

Complementary

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



353D96



968E35

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.



005611



353D96



5B4400

Square

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



353D96



8F1022



305000



00596E

Rectangle

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



353D96



8A065B



305000



005832

Sweetspot

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



353D96



9DA0C2



35968E



4B4C61



E0E0E0



616161

Same Dimension

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



353D96



2B37C2



5D3596



43434A



000B8A



00010A

Inverse Universe

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



96353D



C22B37



6E9635



4A4343



8A000B



0A0001

Previews

White Background



This preview shows how the Hex color 353D96 looks on a white background.

Color Contrast Check

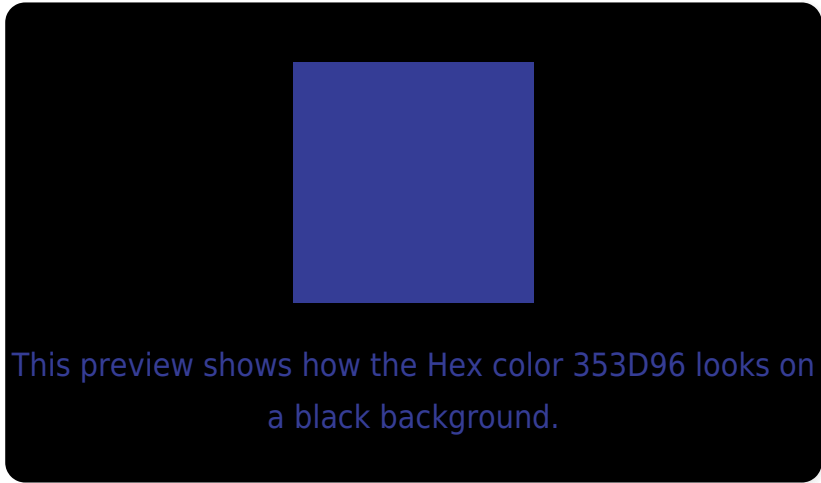
Large Text (above 18pt) WCAG AA ✓ Pass

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

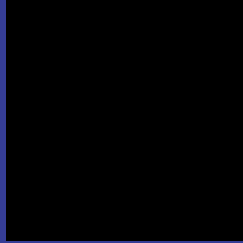
Any Text WCAG AA × Fail

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 353D96 Background



This preview shows how black text looks on a background with the Hex color 353D96.

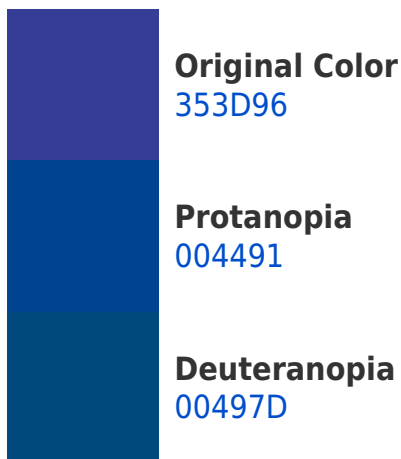


This preview shows how white text looks on a background with the Hex color 353D96.

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
353D96

Protanomaly
134193

Deuteranomaly
134586

Tritanomaly
13486D

Monochromacy



Original Color
353D96

Achromatopsia
454545

Achromatomaly
3F4262

CSS Examples

Text

The CSS property to change the color of the text to Hex 353D96 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 #353D96 looks like.

```
.text, #text, p{  
    color:#353D96  
}
```

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 #353D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353D96
}
```

Border

The CSS property to change the border of an element to Hex 353D96 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
#353D96 }
```

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

```
.border{ border-color:#353D96 }
```

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

Here you see how a box with a 4 pixel #353D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353D96; -webkit-box-shadow:4px 4px  
4px 4px #353D96; box-shadow:4px 4px 4px  
4px #353D96 }
```

Background

The CSS property to change the background color of an element to Hex 353D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353D96 }
```

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

```
.background{ background-color:#353D96 }
```

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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