

Converting Colors

Hex(353AAD)

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

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Color

Hex(353AAD)

Conversions

Conversions Part 1

Format	Color
Hex	353AAD
RGB	53, 58, 173
RGB Percent	21%, 23%, 68%
CMY	0.7922, 0.7725, 0.3216
CMYK	0.69, 0.66, 0.00, 0.32
HSL	238°, 53%, 44%
HSV	238°, 69%, 68%
XYZ	10.5241, 6.8001, 40.2930
YIQ	69.6150, -39.8950, 34.7050

Conversions

Conversions Part 2

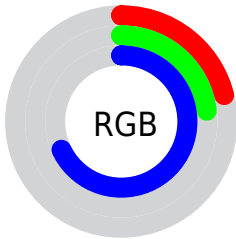
Format	Color
R_{YB}	53, 58, 173
Decimal	3488429
CIE _{Lab}	31.35, 36.01, -61.95
CIE _{LCh}	31, 71.661, 300.168
Yxy	6.8001, 0.1827, 0.1180
Android (android.graphics.Color)	4281678509 (0xFF353AAD)
YUV	69.6150, 50.9688, -14.5714
Hunter-Lab	26.0771, 26.4035, -73.3582

Details

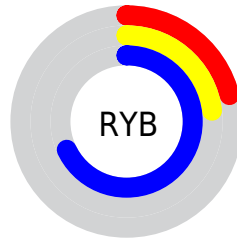
The Hex color **353AAD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ADA835**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **736AE5**, and **001077** is the 20% darker color. If you saturate the color by 10%, you get **2429AD**, and if you desaturate by 10%, it is **464BAD**.

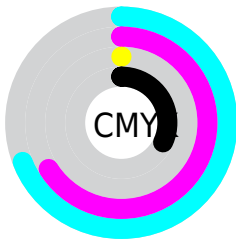
Distribution



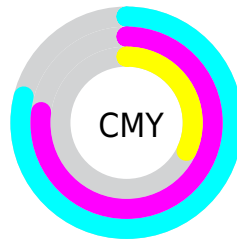
- Red (21%)
- Green (23%)
- Blue (68%)



- Red (21%)
- Yellow (23%)
- Blue (68%)



- Cyan (69%)
- Magenta (66%)
- Yellow (0%)
- Black (32%)



- Cyan (79%)
- Magenta (77%)
- Yellow (32%)
- Black (0%)

Brightness & Saturation Gradients


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

 353AAD

 353AAD

FFFFFF

 012492

 736AE5

 001077

 9083FF

 00005E

 AE9DFF

 000845

 CBB8FF

 00042E

 E9D4FF

 000118

 FFF0FF

 000000

 353AAD

 353AAD

 2429AD

 464BAD

■ 1219AD

■ 585BAD

■ 0108AD

■ 696CAD

■ 0007AD

■ 7A7CAD

■ 8C8DAD

■ 9D9DAD

■ AEAEAD

■ BFBFAD

■ D1CFAD

Harmonies

Analogous

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



0052BD



353AAD



890083

Triad

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



353AAD



852D00



005F49

Complementary

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



353AAD



ADA835

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.



005C04



353AAD



5B4800

Square

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



353AAD



A00016



1D5600



005F82

Rectangle

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



353AAD



A0005F



1D5600



005E35

Sweetspot

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



353AAD



B1B3E0



35ADA7



545570



F0F0F0



707070

Same Dimension

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



353AAD



262EE0



6B35AD



4E4E57



000696



000117

Inverse Universe

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



AD353A



E0262E



77AD35



574E4E



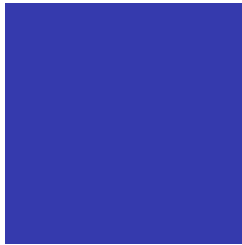
960006



170001

Previews

White Background



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

Color Contrast Check

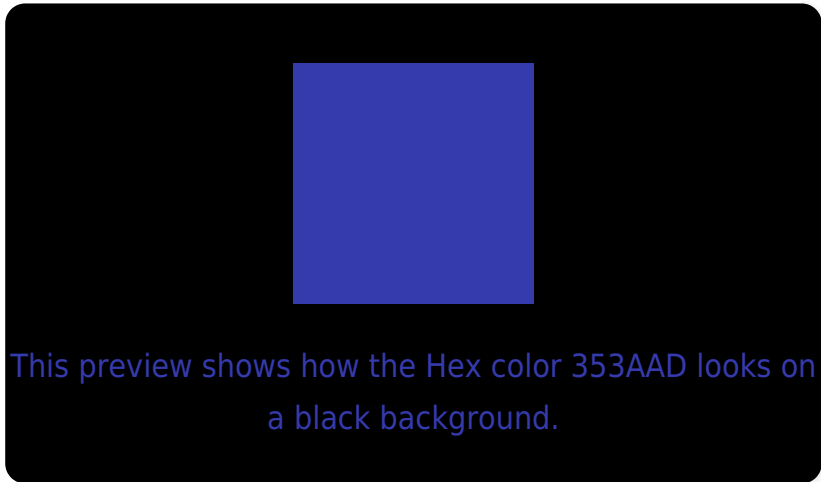
Large Text (above 18pt) WCAG AA ✓ Pass

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

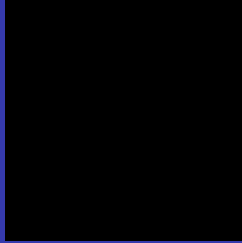
Any Text WCAG AA × Fail

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 353AAD Background



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

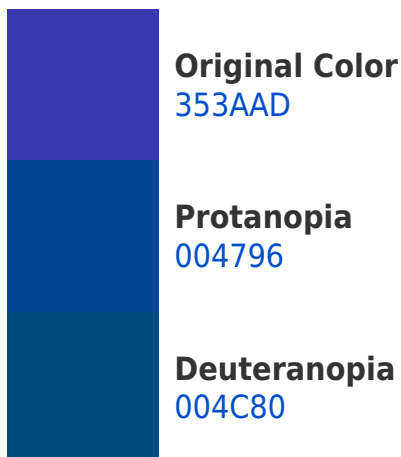


This preview shows how white text looks on a background with the Hex color 353AAD.

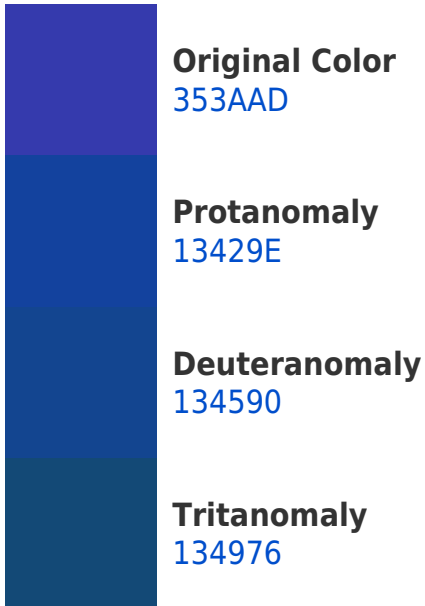
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

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

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

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 #353AAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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