

Converting Colors

Hex(553099)

Have a look what the booklet for
Hex(553099) contains.

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Color

Hex(553099)

Conversions

Conversions Part 1

Format	Color
Hex	553099
RGB	85, 48, 153
RGB Percent	33%, 19%, 60%
CMY	0.6667, 0.8118, 0.4000
CMYK	0.44, 0.69, 0.00, 0.40
HSL	261°, 52%, 39%
HSV	261°, 69%, 60%
XYZ	10.5530, 6.3451, 30.8055
YIQ	71.0330, -11.6530, 40.4990

Conversions

Conversions Part 2

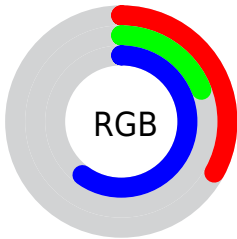
Format	Color
R_{YB}	85, 48, 153
Decimal	5583001
CIE _{Lab}	30.27, 40.89, -51.53
CIE _{LCh}	30, 65.779, 308.435
Yxy	6.3451, 0.2212, 0.1330
Android (android.graphics.Color)	4283773081 (0xFF553099)
YUV	71.0330, 40.4097, 12.2491
Hunter-Lab	25.1895, 30.7002, -54.8761

Details

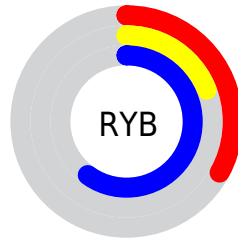
The Hex color **553099** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **749930**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8C61D0**, and **1B0065** is the 20% darker color. If you saturate the color by 10%, you get **4B2199**, and if you desaturate by 10%, it is **5F3F99**.

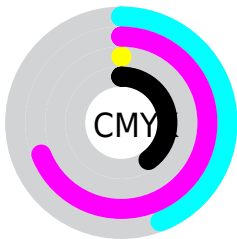
Distribution



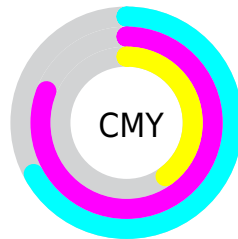
- Red (33%)
- Green (19%)
- Blue (60%)



- Red (33%)
- Yellow (19%)
- Blue (60%)



- Cyan (44%)
- Magenta (69%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (81%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553099 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 553099 by changing the saturation by 10% instead.

■ 553099

■ 553099

FFFFFF

■ 39187F

■ 8C61D0

■ 1B0065

■ A87AED

■ 00004C

■ C495FF

■ 000534

■ E2B0FF

■ 00021E

■ FFCBFF

■ 000001

■ FFE8FF

■ 000000

■ 553099

■ 553099

■ 4B2199

■ 5F3F99

■ 411199

■ 694F99

■ 370299

■ 735E99

■ 360099

■ 7D6D99

■ 877D99

■ 908C99

■ 9A9B99

■ A4AA99

■ AEBA99

Harmonies

Analogous

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



004AAF



553099



8C006E

Triad

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



553099



753600



005B55

Complementary

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



553099



749930

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.



00591E



553099



4B4A00

Square

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



553099



920A07



015400



005B87

Rectangle

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



553099



9A004C



015400



005B43

Sweetspot

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



553099



AC9DC7



307499



534B63



E3E3E3



636363

Same Dimension

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



553099



5D24C7



893099



48454D



31008C



04000D

Inverse Universe

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



993074



C7248D



409930



4D454A



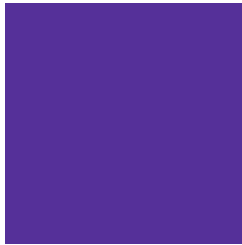
8C005B



0D0008

Previews

White Background



This preview shows how the Hex color 553099 looks on a white background.

Color Contrast Check

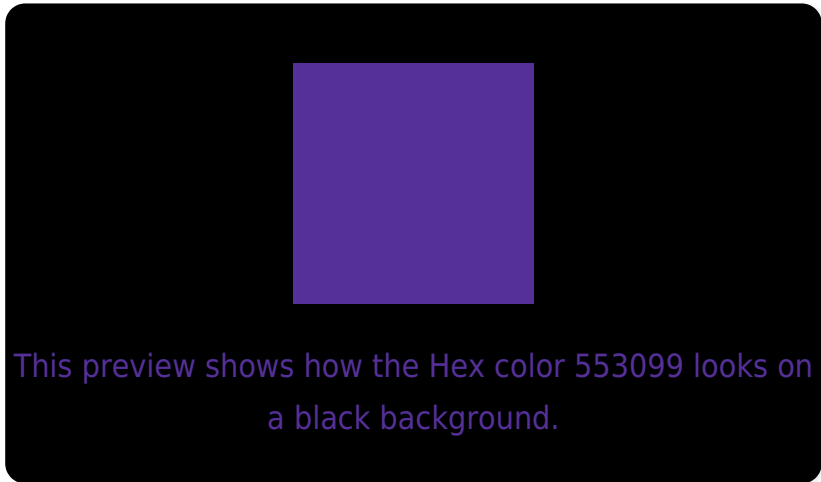
Large Text (above 18pt) WCAG AA ✓ Pass

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

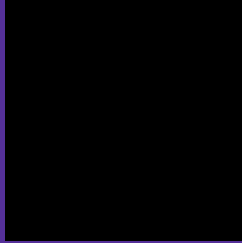
Any Text WCAG AA × Fail

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 553099 Background



This preview shows how black text looks on a background with the Hex color 553099.

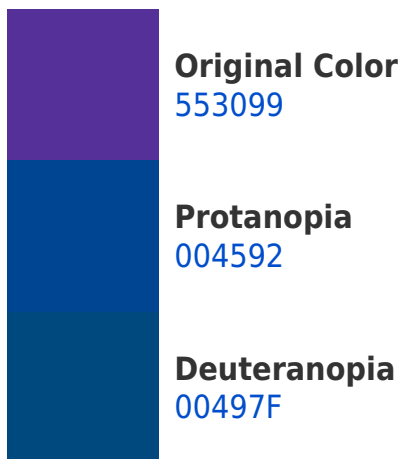



This preview shows how white text looks on a background with the Hex color 553099.

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





Tritanopia
42484E

Trichromacy



Original Color
553099



Protanomaly
1F3D95



Deuteranomaly
1F4088



Tritanomaly
493F69

Monochromacy



Original Color
553099



Achromatopsia
474747



Achromatomaly
4C3F65

CSS Examples

Text

The CSS property to change the color of the text to Hex 553099 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 #553099 looks like.

```
.text, #text, p{  
    color:#553099  
}
```

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 #553099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553099
}
```

Border

The CSS property to change the border of an element to Hex 553099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

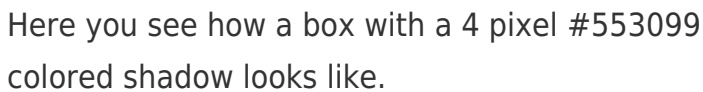
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553099 }
```

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

```
.border{ border-color:#553099 }
```

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



Here you see how a box with a 4 pixel #553099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553099; -webkit-box-shadow:4px 4px  
4px 4px #553099; box-shadow:4px 4px 4px  
4px #553099 }
```

Background

The CSS property to change the background color of an element to Hex 553099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553099 }
```

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

```
.background{ background-color:#553099 }
```

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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