

# Converting Colors

Hex(553895)

Have a look what the booklet for  
Hex(553895) contains.

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# Color

**Hex(553895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	553895
RGB	85, 56, 149
RGB Percent	33%, 22%, 58%
CMY	0.6667, 0.7804, 0.4157
CMYK	0.43, 0.62, 0.00, 0.42
HSL	259°, 45%, 40%
HSV	259°, 62%, 58%
XYZ	10.5853, 6.9296, 29.2134
YIQ	75.2730, -12.5690, 35.0710

# Conversions

## Conversions Part 2

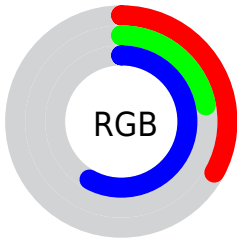
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 56, 149
Decimal	5585045
CIE <sub>Lab</sub>	31.65, 35.19, -46.85
CIE <sub>LCh</sub>	32, 58.591, 306.913
Yxy	6.9296, 0.2265, 0.1483
Android (android.graphics.Color)	4283775125 (0xFF553895)
YUV	75.2730, 36.3474, 8.5306
Hunter-Lab	26.3241, 25.7104, -47.3708

# Details

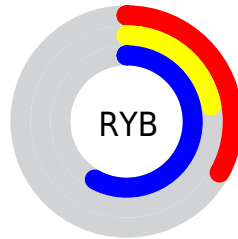
The Hex color **553895** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **789538**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8B68CC**, and **1D0A61** is the 20% darker color. If you saturate the color by 10%, you get **4B2995**, and if you desaturate by 10%, it is **5F4795**.

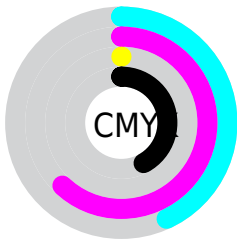
# Distribution



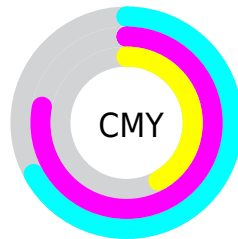
- Red (33%)
- Green (22%)
- Blue (58%)



- Red (33%)
- Yellow (22%)
- Blue (58%)



- Cyan (43%)
- Magenta (62%)
- Yellow (0%)
- Black (42%)



- Cyan (67%)
- Magenta (78%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 553895 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 553895 by changing the saturation by 10% instead.



■ 553895

■ 553895

FFFFFF

■ 3A217B

■ 8B68CC

■ 1D0A61

■ A782E8

■ 000049

■ C39CFF

■ 000431

■ E0B7FF

■ 00011B

■ FDD3FF

■ 000000

■ FFF0FF

■ 553895

■ 553895

■ 4B2995

■ 5F4795

401A95

6A5695

360B95

746595

2E0095

7E7495

888395

939195

9DA095

A7AF95

B1BE95

# Harmonies

## Analogous

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



004DA7



553895



87166F

# Triad

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



553895



783A00



005D54

# Complementary

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



553895



789538

# 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.



005B23



553895



534C00

# Square

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



553895



911D15



1D5600



005D81

# Rectangle

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



553895



960051



1D5600



005D44



# Sweetspot

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



553895



A89DC2



387995



524B61



E0E0E0



616161



# Same Dimension

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



553895



5E30C2



823895



45434A



2B008A



03000A



# Inverse Universe

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



953878



C23094



4B9538



4A4348



8A005F

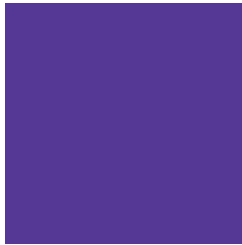


0A0007



# Previews

## White Background



This preview shows how the Hex color 553895 looks on a white background.

## Color Contrast Check

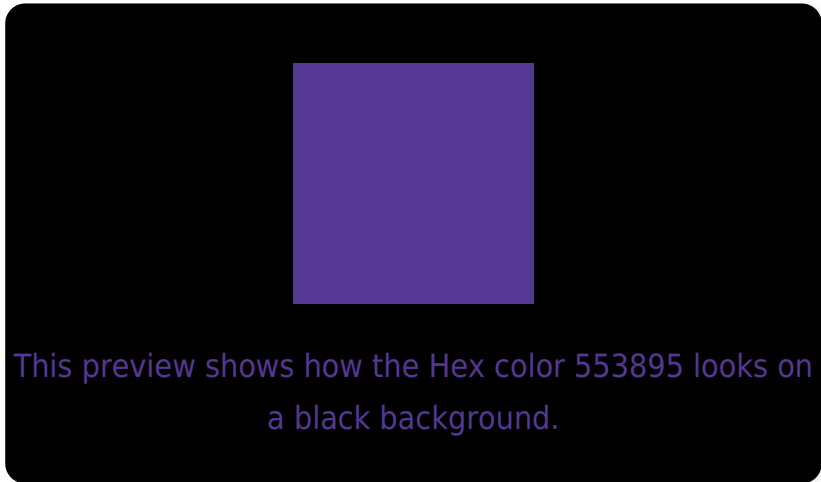
Large Text (above 18pt) WCAG AA ✓ Pass

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

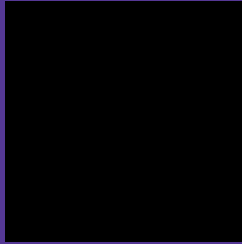
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 553895 Background



This preview shows how black text looks on a background with the Hex color 553895.

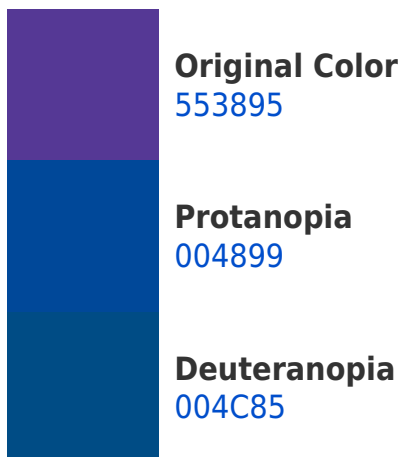


This preview shows how white text looks on a background with the Hex color 553895.

# 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**  
454C52

# Trichromacy



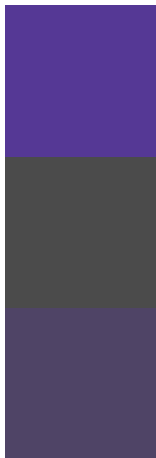
**Original Color**  
553895

**Protanomaly**  
1F4298

**Deuteranomaly**  
1F458B

**Tritanomaly**  
4B456A

# Monochromacy



**Original Color**  
553895

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4F4466

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 553895 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 #553895 looks like.

```
.text, #text, p{  
    color:#553895  
}
```

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 #553895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553895  
}
```

## Border

The CSS property to change the border of an element to Hex 553895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

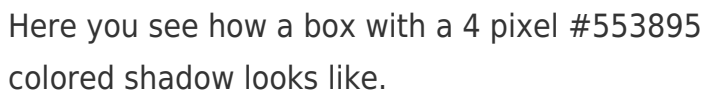
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#553895 }
```

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

```
.border{ border-color:#553895 }
```

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



Here you see how a box with a 4 pixel #553895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553895; -webkit-box-shadow:4px 4px  
4px 4px #553895; box-shadow:4px 4px 4px  
4px #553895 }
```

# Background

The CSS property to change the background color of an element to Hex 553895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553895 }
```

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

```
.background{ background-color:#553895 }
```

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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