

Converting Colors

Hex(553696)

Have a look what the booklet for
Hex(553696) contains.

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Color

Hex(553696)

Conversions

Conversions Part 1

Format	Color
Hex	553696
RGB	85, 54, 150
RGB Percent	33%, 21%, 59%
CMY	0.6667, 0.7882, 0.4118
CMYK	0.43, 0.64, 0.00, 0.41
HSL	259°, 47%, 40%
HSV	259°, 64%, 59%
XYZ	10.5705, 6.7716, 29.6041
YIQ	74.2130, -12.3400, 36.4280

Conversions

Conversions Part 2

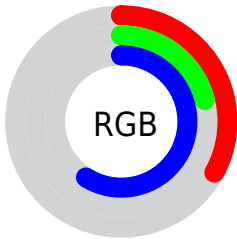
Format	Color
R_{YB}	85, 54, 150
Decimal	5584534
CIE _{Lab}	31.28, 36.65, -48.05
CIE _{LCh}	31, 60.430, 307.336
Yxy	6.7716, 0.2252, 0.1442
Android (android.graphics.Color)	4283774614 (0xFF553696)
YUV	74.2130, 37.3630, 9.4602
Hunter-Lab	26.0224, 26.9690, -49.2350

Details

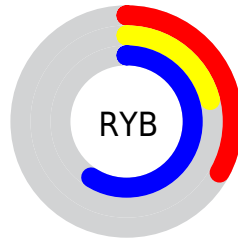
The Hex color **553696** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **779636**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8B66CD**, and **1D0762** is the 20% darker color. If you saturate the color by 10%, you get **4B2796**, and if you desaturate by 10%, it is **5F4596**.

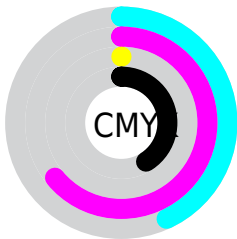
Distribution



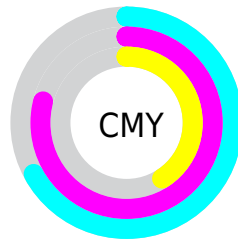
- Red (33%)
- Green (21%)
- Blue (59%)



- Red (33%)
- Yellow (21%)
- Blue (59%)



- Cyan (43%)
- Magenta (64%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (79%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553696 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 553696 by changing the saturation by 10% instead.

■ 553696

■ 553696

FFFFFF

■ 3A1F7C

■ 8B66CD

■ 1D0762

■ A780E9

■ 00004A

■ C39AFF

■ 000432

■ E0B5FF

■ 00021C

■ FED1FF

■ 000000

■ FFEEFF

■ 553696

■ 553696

■ 4B2796

■ 5F4596

■ 411896

■ 695496

■ 370996

■ 736396

■ 300096

■ 7E7296

■ 888196

■ 929096

■ 9C9F96

■ A6AE96

■ B0BD96

Harmonies

Analogous

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



004DA9



553696



890F6F

Triad

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



553696



773900



005D54

Complementary

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



553696



779636

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.



005B22



553696



514C00

Square

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



553696



911912



185600



005D83

Rectangle

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



553696



970050



185600



005C44

Sweetspot

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



553696



A99DC2



367896



524B61



E0E0E0



616161

Same Dimension

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



553696



5D2DC2



843696



45434A



2C008A



03000A

Inverse Universe

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



963677



C22D92



489636



4A4348



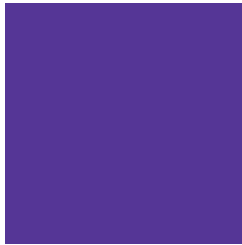
8A005D



0A0007

Previews

White Background



This preview shows how the Hex color 553696 looks on a white background.

Color Contrast Check

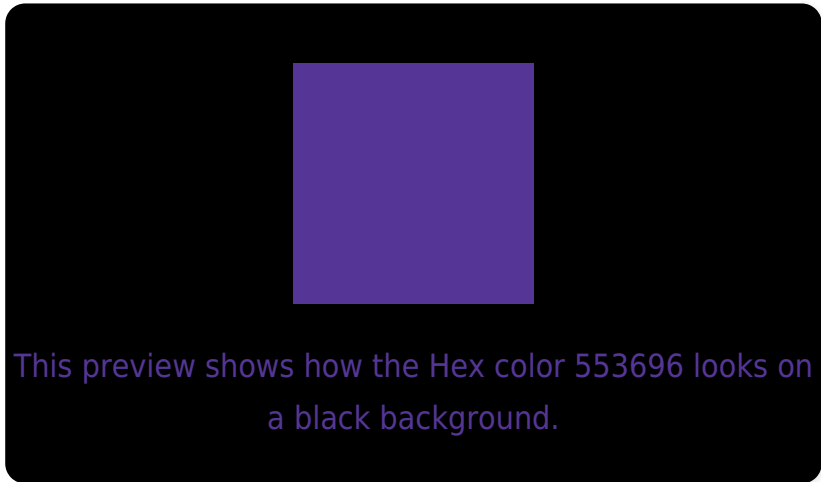
Large Text (above 18pt) WCAG AA ✓ Pass

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

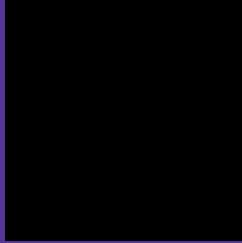
Any Text WCAG AA × Fail

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 553696 Background



This preview shows how black text looks on a background with the Hex color 553696.

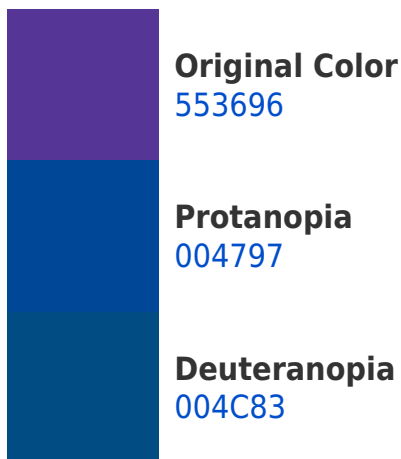


This preview shows how white text looks on a background with the Hex color 553696.

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
444B51

Trichromacy



Original Color
553696

Protanomaly
1F4197

Deuteranomaly
1F448A

Tritanomaly
4A436A

Monochromacy



Original Color
553696

Achromatopsia
4A4A4A

Achromatomaly
4E4366

CSS Examples

Text

The CSS property to change the color of the text to Hex 553696 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 #553696 looks like.

```
.text, #text, p{  
    color:#553696  
}
```

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 #553696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553696
}
```

Border

The CSS property to change the border of an element to Hex 553696 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".

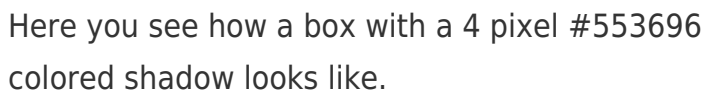
```
.border, #border, table{ border:4px solid
#553696 }
```

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

```
.border{ border-color:#553696 }
```

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

Here you see how a box with a 4 pixel #553696 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553696; -webkit-box-shadow:4px 4px  
4px 4px #553696; box-shadow:4px 4px 4px  
4px #553696 }
```

Background

The CSS property to change the background color of an element to Hex 553696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553696 }
```

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

```
.background{ background-color:#553696 }
```

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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