

Converting Colors

Hex(553AA1)

Have a look what the booklet for
Hex(553AA1) contains.

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Color

Hex(553AA1)

Conversions

Conversions Part 1

Format	Color
Hex	553AA1
RGB	85, 58, 161
RGB Percent	33%, 23%, 63%
CMY	0.6667, 0.7725, 0.3686
CMYK	0.47, 0.64, 0.00, 0.37
HSL	256°, 47%, 43%
HSV	256°, 64%, 63%
XYZ	11.6924, 7.5306, 34.5555
YIQ	77.8150, -16.9710, 37.7570

Conversions

Conversions Part 2

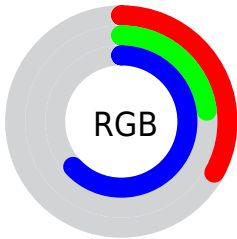
Format	Color
R_{YB}	85, 58, 161
Decimal	5585569
CIE _{Lab}	32.99, 37.53, -51.96
CIE _{LCh}	33, 64.097, 305.835
Yxy	7.5306, 0.2174, 0.1400
Android (android.graphics.Color)	4283775649 (0xFF553AA1)
YUV	77.8150, 41.0102, 6.3012
Hunter-Lab	27.4420, 28.0313, -55.4499

Details

The Hex color **553AA1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **86A13A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8C6BD9**, and **190C6C** is the 20% darker color. If you saturate the color by 10%, you get **492AA1**, and if you desaturate by 10%, it is **614AA1**.

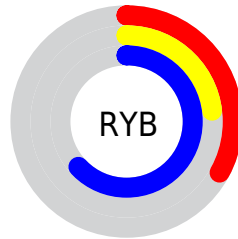
Distribution



Red (33%)

Green (23%)

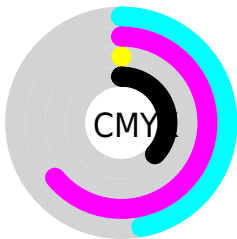
Blue (63%)



Red (33%)

Yellow (23%)

Blue (63%)

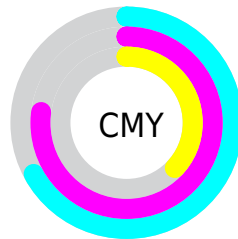


Cyan (47%)

Magenta (64%)

Yellow (0%)

Black (37%)



Cyan (67%)

Magenta (77%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553AA1 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 553AA1 by changing the saturation by 10% instead.

■ 553AA1

■ 553AA1

FFFFFF

■ 392386

■ 8C6BD9

■ 190C6C

■ A884F5

■ 000053

■ C59FFF

■ 00003B

■ E2BAFF

■ 000225

■ FFD6FF

■ 00010D

■ FFF2FF

■ 000000

■ 553AA1

■ 553AA1

■ 492AA1

■ 614AA1

■ 3D1AA1

■ 6D5AA1

■ 310AA1

■ 796AA1

■ 2A00A1

■ 857AA1

■ 908BA1

■ 9C9BA1

■ A8ABA1

■ B4BBA1

■ C0CBA1

Harmonies

Analogous

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



0052B4



553AA1



8F0E78

Triad

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



553AA1



7F3A00



006257

Complementary

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



553AA1



86A13A

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.



006020



553AA1



574F00

Square

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



553AA1



9B1514



1C5A00



006288

Rectangle

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



553AA1



9F0057



1C5A00



006145

Sweetspot

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



553AA1



B4A9D1



3A87A1



575169



E8E8E8



696969

Same Dimension

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



553AA1



5A30D1



873AA1



4C4952



260091



050012

Inverse Universe

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



A13A86



D130A7



54A13A



52494F



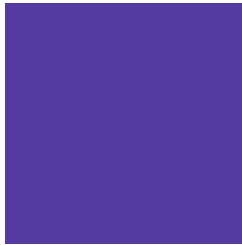
91006B



12000D

Previews

White Background



This preview shows how the Hex color 553AA1 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

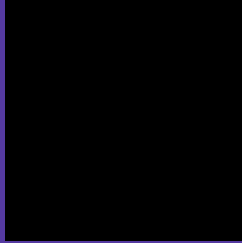
Any Text WCAG AA × Fail

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 553AA1 Background



This preview shows how black text looks on a background with the Hex color 553AA1.



This preview shows how white text looks on a background with the Hex color 553AA1.

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



Original Color
553AA1

Protanopia
004B9F

Deuteranopia
00508A



Tritanopia
415057

Trichromacy



Original Color
553AA1



Protanomaly
1F45A0



Deuteranomaly
1F4892



Tritanomaly
484872

Monochromacy



Original Color
553AA1



Achromatopsia
4E4E4E



Achromatomaly
51476C

CSS Examples

Text

The CSS property to change the color of the text to Hex 553AA1 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 #553AA1 looks like.

```
.text, #text, p{  
    color:#553AA1  
}
```

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 #553AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553AA1
}
```

Border

The CSS property to change the border of an element to Hex 553AA1 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
#553AA1 }
```

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

```
.border{ border-color:#553AA1 }
```

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

Here you see how a box with a 4 pixel #553AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553AA1; -webkit-box-shadow:4px 4px  
4px 4px #553AA1; box-shadow:4px 4px 4px  
4px #553AA1 }
```

Background

The CSS property to change the background color of an element to Hex 553AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553AA1 }
```

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

```
.background{ background-color:#553AA1 }
```

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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