

Converting Colors

Hex(55168D)

Have a look what the booklet for
Hex(55168D) contains.

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Color

Hex(55168D)

Conversions

Conversions Part 1

Format	Color
Hex	55168D
RGB	85, 22, 141
RGB Percent	33%, 9%, 55%
CMY	0.6667, 0.9137, 0.4471
CMYK	0.40, 0.84, 0.00, 0.45
HSL	272°, 73%, 32%
HSV	272°, 84%, 55%
XYZ	8.8409, 4.4282, 25.5881
YIQ	54.4030, -0.6510, 50.3650

Conversions

Conversions Part 2

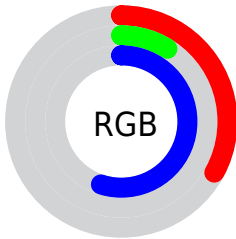
Format	Color
R_{YB}	85, 22, 141
Decimal	5576333
CIE _{Lab}	25.04, 49.65, -52.66
CIE _{LCh}	25, 72.380, 313.314
Yxy	4.4282, 0.2275, 0.1140
Android (android.graphics.Color)	4283766413 (0xFF55168D)
YUV	54.4030, 42.6923, 26.8336
Hunter-Lab	21.0433, 38.1676, -57.3647

Details

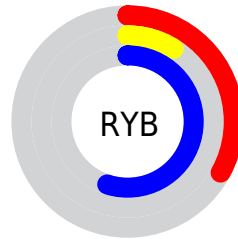
The Hex color **55168D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4E8D16**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8C4BC4**, and **1C005A** is the 20% darker color. If you saturate the color by 10%, you get **4E088D**, and if you desaturate by 10%, it is **5C248D**.

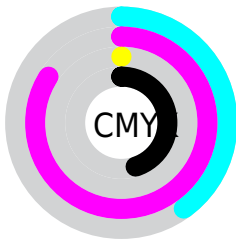
Distribution



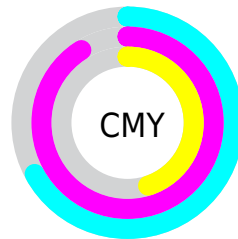
- Red (33%)
- Green (9%)
- Blue (55%)



- Red (33%)
- Yellow (9%)
- Blue (55%)



- Cyan (40%)
- Magenta (84%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55168D 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 55168D by changing the saturation by 10% instead.

■ 55168D

■ 55168D

FFFFFF

■ 390073

■ 8C4BC4

■ 1C005A

■ A865E0

■ 000041

■ C57FFD

■ 00032A

■ E29AFF

■ 000114

■ FF55FF

■ 000000

■ FFD2FF

■ FFEEFF

■ 55168D

■ 55168D

■ 4E088D

■ 5C248D

■ 4B008D

■ 62328D

■ 69408D

■ 704E8D

■ 765D8D

■ 7D6B8D

■ 83798D

■ 8A878D

■ 91958D

Harmonies

Analogous

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



003CA9



55168D



88005C

Triad

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



55168D



622D00



004F54

Complementary

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



55168D



4E8D16

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.



004D19



55168D



334100

Square

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



55168D



840000



004A00



004F87

Rectangle

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



55168D



930038



004A00



004E40

Sweetspot

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



55168D



A28AB8



16508D



4F405C



DBDBDB



5C5C5C

Same Dimension

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



55168D



6100B8



8D168B



444047



480087



040008

Inverse Universe

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



8D164E



B80056



168D18



474044



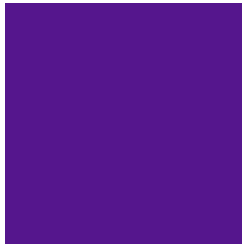
870040



080004

Previews

White Background



This preview shows how the Hex color 55168D 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

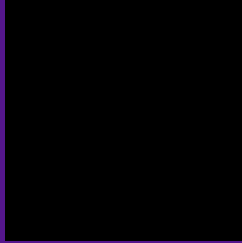
Any Text WCAG AA × Fail

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 55168D Background



This preview shows how black text looks on a background with the Hex color 55168D.



This preview shows how white text looks on a background with the Hex color 55168D.

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
55168D

Protanopia
003B7C

Deuteranopia
003E6A



Tritanopia
443A3E

Trichromacy



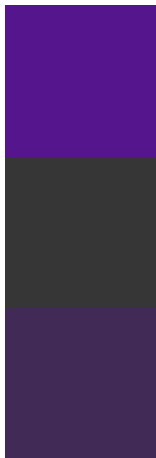
Original Color
55168D

Protanomaly
1F2E82

Deuteranomaly
1F2F77

Tritanomaly
4A2D5B

Monochromacy



Original Color
55168D

Achromatopsia
363636

Achromatomaly
412A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 55168D 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 #55168D looks like.

```
.text, #text, p{  
    color:#55168D  
}
```

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 #55168D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55168D
}
```

Border

The CSS property to change the border of an element to Hex 55168D is called "border". The border property can be set on classes, ids or directly on the HTML element.

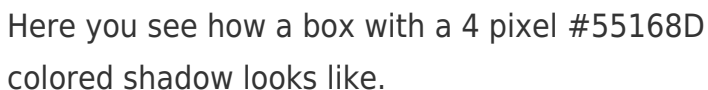
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55168D }
```

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

```
.border{ border-color:#55168D }
```

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



Here you see how a box with a 4 pixel #55168D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55168D; -webkit-box-shadow:4px 4px  
4px 4px #55168D; box-shadow:4px 4px 4px  
4px #55168D }
```

Background

The CSS property to change the background color of an element to Hex 55168D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55168D }
```

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

```
.background{ background-color:#55168D }
```

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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