

Converting Colors

Hex(55245A)

Have a look what the booklet for
Hex(55245A) contains.

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Color

Hex(55245A)

Conversions

Conversions Part 1

Format	Color
Hex	55245A
RGB	85, 36, 90
RGB Percent	33%, 14%, 35%
CMY	0.6667, 0.8588, 0.6471
CMYK	0.06, 0.60, 0.00, 0.65
HSL	294°, 43%, 25%
HSV	294°, 60%, 35%
XYZ	6.2227, 3.9312, 10.1037
YIQ	56.8070, 11.8700, 27.1820

Conversions

Conversions Part 2

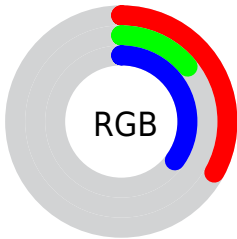
Format	Color
R_{YB}	85, 36, 90
Decimal	5579866
CIE _{Lab}	23.44, 31.51, -22.54
CIE _{LCh}	23, 38.740, 324.418
Yxy	3.9312, 0.3072, 0.1941
Android (android.graphics.Color)	4283769946 (0xFF55245A)
YUV	56.8070, 16.3641, 24.7253
Hunter-Lab	19.8273, 21.3230, -16.3341

Details

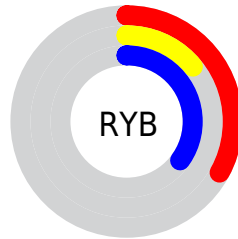
The Hex color **55245A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **295A24**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **88548C**, and **27002C** is the 20% darker color. If you saturate the color by 10%, you get **541B5A**, and if you desaturate by 10%, it is **562D5A**.

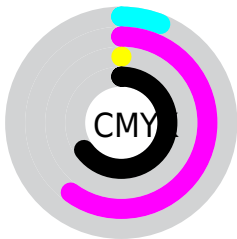
Distribution



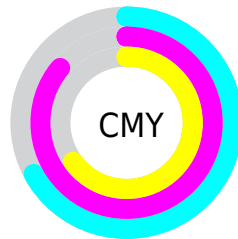
- Red (33%)
- Green (14%)
- Blue (35%)



- Red (33%)
- Yellow (14%)
- Blue (35%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (65%)



- Cyan (67%)
- Magenta (86%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55245A 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 55245A by changing the saturation by 10% instead.

■ 55245A

■ 55245A

FFFFFF

■ 3D0C42

■ 88548C

■ 27002C

■ A36DA7

■ 000017

■ BF86C2

■ 000000

■ DBA1DE

■ F8BCFB

■ FFD8FF

■ FFF5FF

■ 55245A

■ 55245A

■ 541B5A

■ 562D5A

■ 53125A

■ 57365A

■ 53095A

■ 583F5A

■ 52005A

■ 58485A

■ 59515A

■ 5A5A5A

■ 5B635A

■ 5C6C5A

■ 5C755A

Harmonies

Analogous

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



2A336D



55245A



68183F

Triad

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



55245A



4A3500



00454F

Complementary

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



55245A



295A24

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.



004431



55245A



2E3D00

Square

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



55245A



5E2805



004213



004367

Rectangle

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



55245A



6B182B



004213



004545

Sweetspot

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



55245A



736075



24295A



392E3B



BABABA



3B3B3B

Same Dimension

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



55245A



6D2175



5A2444



2D292E



63006E



D700ED

Inverse Universe

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



5A2429



752129



245A3A



2E292A



6E000A



ED0016

Previews

White Background



This preview shows how the Hex color 55245A looks on a white background.

Color Contrast Check

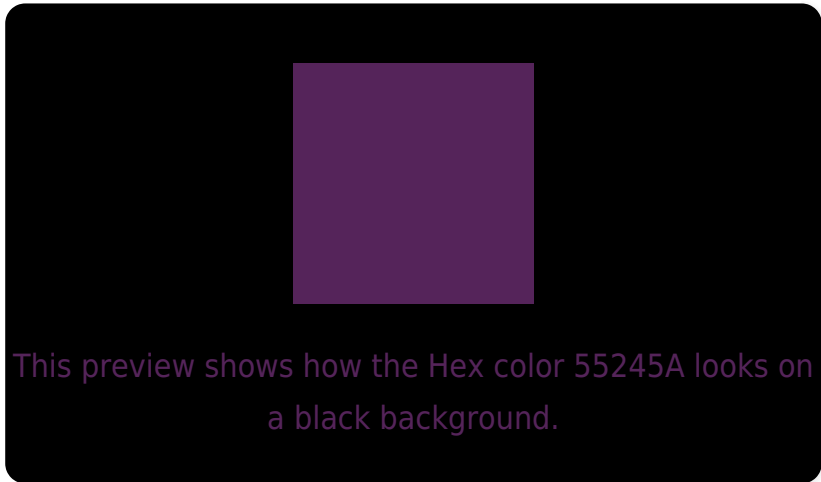
Large Text (above 18pt) WCAG AA ✓ Pass

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

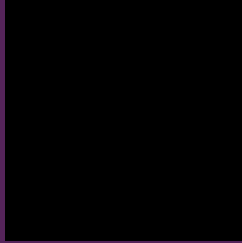
Any Text WCAG AA × Fail

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 55245A Background



This preview shows how black text looks on a background with the Hex color 55245A.



This preview shows how white text looks on a background with the Hex color 55245A.

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
55245A

Protanopia
1B376C

Deuteranopia
2A3956



Tritanopia
502F33

Trichromacy



Original Color
55245A

Protanomaly
303065

Deuteranomaly
3A3157

Tritanomaly
522B41

Monochromacy



Original Color
55245A

Achromatopsia
393939

Achromatomaly
433145

CSS Examples

Text

The CSS property to change the color of the text to Hex 55245A 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 #55245A looks like.

```
.text, #text, p{  
    color:#55245A  
}
```

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 #55245A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55245A
}
```

Border

The CSS property to change the border of an element to Hex 55245A is called "border". The border property can be set on classes, ids or directly on the HTML element.

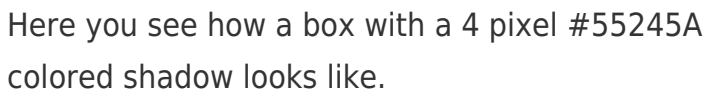
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55245A }
```

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

```
.border{ border-color:#55245A }
```

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



Here you see how a box with a 4 pixel #55245A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55245A; -webkit-box-shadow:4px 4px  
4px 4px #55245A; box-shadow:4px 4px 4px  
4px #55245A }
```

Background

The CSS property to change the background color of an element to Hex 55245A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55245A }
```

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

```
.background{ background-color:#55245A }
```

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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