

# Converting Colors

Hex(55255E)

Have a look what the booklet for  
Hex(55255E) contains.

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# Color

**Hex(55255E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55255E
RGB	85, 37, 94
RGB Percent	33%, 15%, 37%
CMY	0.6667, 0.8549, 0.6314
CMYK	0.10, 0.61, 0.00, 0.63
HSL	291°, 44%, 26%
HSV	291°, 61%, 37%
XYZ	6.4283, 4.0626, 11.0350
YIQ	57.8500, 10.3110, 27.9030

# Conversions

## Conversions Part 2

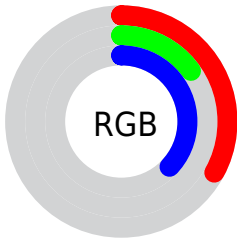
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 37, 94
Decimal	5580126
CIELab	23.88, 31.83, -24.49
CIELCh	24, 40.163, 322.422
Yxy	4.0626, 0.2986, 0.1887
Android (android.graphics.Color)	4283770206 (0xFF55255E)
YUV	57.8500, 17.8219, 23.8105
Hunter-Lab	20.1558, 21.6559, -18.3513

# Details

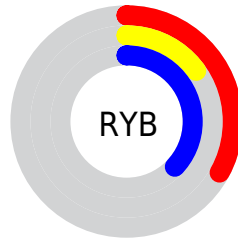
The Hex color **55255E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E5E25**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **885591**, and **260030** is the 20% darker color. If you saturate the color by 10%, you get **541C5E**, and if you desaturate by 10%, it is **562E5E**.

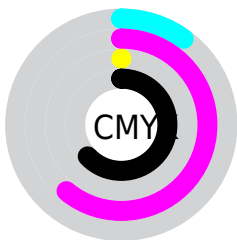
# Distribution



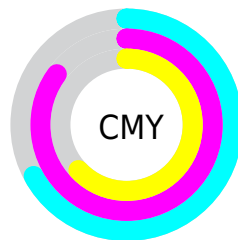
- Red (33%)
- Green (15%)
- Blue (37%)



- Red (33%)
- Yellow (15%)
- Blue (37%)



- Cyan (10%)
- Magenta (61%)
- Yellow (0%)
- Black (63%)



- Cyan (67%)
- Magenta (85%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55255E 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 55255E by changing the saturation by 10% instead.



 55255E

 55255E

FFFFFF

 3D0D46

 885591

 260030

 A36EAB

 00001A

 BF88C7

 000000

 DBA2E3

 F8BEFF

 FFDAFF

 FFF6FF

 55255E

 55255E

■ 541C5E

■ 562E5E

■ 52125E

■ 58385E

■ 51095E

■ 59415E

■ 4F005E

■ 5B4B5E

■ 5C545E

■ 5E5D5E

■ 5F675E

■ 61705E

■ 627A5E

# Harmonies

## Analogous

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



253471



55255E



6A1742

# Triad

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



55255E



4D3500



00464F

# Complementary

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



55255E



2E5E25

# 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.



004630



55255E



313E00

# Square

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



55255E



622706



004310



004468

# Rectangle

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



55255E



6E162E



004310



004645



# Sweetspot

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



55255E



77647A



252F5E



3B303D



BDBDBD



3D3D3D



# Same Dimension

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



55255E



6C217A



5E254B



2D292E



5C006E



C800ED



# Inverse Universe

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



5E252E



7A212F



255E38



2E292A



6E0011

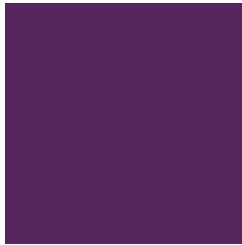


ED0025



# Previews

## White Background



This preview shows how the Hex color 55255E 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

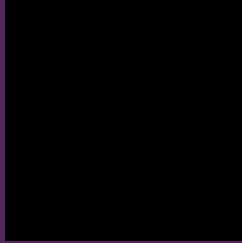
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55255E Background



This preview shows how black text looks on a background with the Hex color 55255E.




This preview shows how white text looks on a background with the Hex color 55255E.

# 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**  
4F3134

# Trichromacy



**Original Color**  
55255E

**Protanomaly**  
2E3169

**Deuteranomaly**  
38325B

**Tritanomaly**  
512D43

# Monochromacy



**Original Color**  
55255E

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
443247

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55255E 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 #55255E looks like.

```
.text, #text, p{  
    color:#55255E  
}
```

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 #55255E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55255E
}
```

## Border

The CSS property to change the border of an element to Hex 55255E is called "border". The border property can be set on classes, ids or directly on the HTML element.

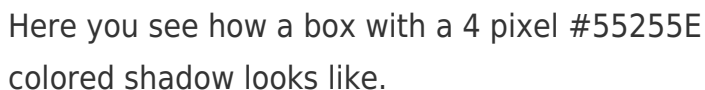
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55255E }
```

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

```
.border{ border-color:#55255E }
```

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



Here you see how a box with a 4 pixel #55255E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55255E; -webkit-box-shadow:4px 4px  
4px 4px #55255E; box-shadow:4px 4px 4px  
4px #55255E }
```

# Background

The CSS property to change the background color of an element to Hex 55255E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55255E }
```

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

```
.background{ background-color:#55255E }
```

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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