

Converting Colors

Hex(55437E)

Have a look what the booklet for
Hex(55437E) contains.

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Color

Hex(55437E)

Conversions

Conversions Part 1

Format	Color
Hex	55437E
RGB	85, 67, 126
RGB Percent	33%, 26%, 49%
CMY	0.6667, 0.7373, 0.5059
CMYK	0.33, 0.47, 0.00, 0.51
HSL	258°, 31%, 38%
HSV	258°, 47%, 49%
XYZ	9.5194, 7.4520, 20.6753
YIQ	79.1080, -8.2110, 22.1650

Conversions

Conversions Part 2

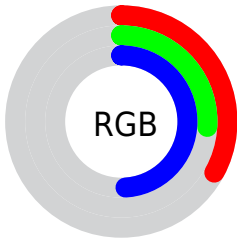
Format	Color
R_{YB}	85, 67, 126
Decimal	5587838
CIE _{Lab}	32.81, 21.79, -30.79
CIE _{LCh}	33, 37.723, 305.287
Yxy	7.4520, 0.2529, 0.1979
Android (android.graphics.Color)	4283777918 (0xFF55437E)
YUV	79.1080, 23.1178, 5.1673
Hunter-Lab	27.2983, 14.4739, -25.7966

Details

The Hex color **55437E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C7E43**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8873B3**, and **24174C** is the 20% darker color. If you saturate the color by 10%, you get **4C367E**, and if you desaturate by 10%, it is **5E507E**.

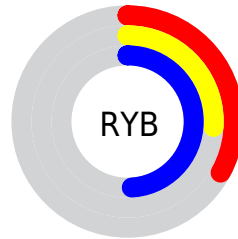
Distribution



Red (33%)

Green (26%)

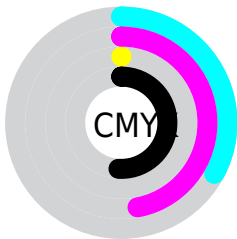
Blue (49%)



Red (33%)

Yellow (26%)

Blue (49%)

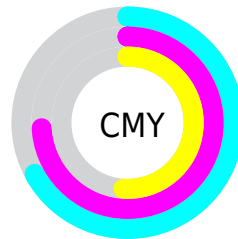


Cyan (33%)

Magenta (47%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (74%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55437E 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 55437E by changing the saturation by 10% instead.

■ 55437E

■ 55437E

FFFFFF

■ 3C2D65

■ 8873B3

■ 24174C

■ A38DCF

■ 0F0035

■ BFA8EB

■ 00021F

■ DBC3FF

■ 000003

■ F8DFFF

■ 000000

■ FFFBFF

■ 55437E

■ 55437E

■ 4C367E

■ 5E507E

■ 432A7E

■ 675C7E

■ 3B1D7E

■ 6F697E

■ 32117E

■ 78757E

■ 29047E

■ 81827E

■ 26007E

■ 8A8F7E

■ 929B7E

■ 9BA87E

■ A4B47E

Harmonies

Analogous

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



0D4F89



55437E



753667

Triad

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



55437E



704215



005B52

Complementary

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



55437E



6C7E43

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.



005A33



55437E



584D0A

Square

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



55437E



80372C



395519



005B6F

Rectangle

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



55437E



803153



395519



005B47

Sweetspot

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



55437E



938CA3



436C7E



484452



D1D1D1



525252

Same Dimension

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



55437E



6448A3



72437E



3B3940



270080



000000

Inverse Universe

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



7E436C



A34887



4F7E43



40393E



800059



000000

Previews

White Background



This preview shows how the Hex color 55437E 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

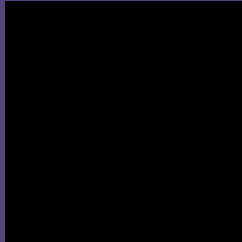
Any Text WCAG AA × Fail

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 55437E Background



This preview shows how black text looks on a background with the Hex color 55437E.



This preview shows how white text looks on a background with the Hex color 55437E.

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
4C4D53

Trichromacy



Original Color
55437E

Protanomaly
3F4883

Deuteranomaly
3F497D

Tritanomaly
4F4963

Monochromacy



Original Color
55437E

Achromatopsia
4F4F4F

Achromatomaly
514B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 55437E 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 #55437E looks like.

```
.text, #text, p{  
    color:#55437E  
}
```

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 #55437E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55437E
}
```

Border

The CSS property to change the border of an element to Hex 55437E is called "border". The border property can be set on classes, ids or directly on the HTML element.

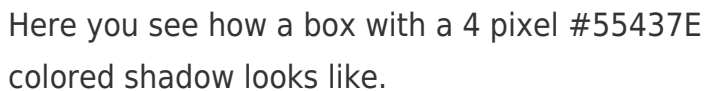
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55437E }
```

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

```
.border{ border-color:#55437E }
```

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



Here you see how a box with a 4 pixel #55437E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55437E; -webkit-box-shadow:4px 4px  
4px 4px #55437E; box-shadow:4px 4px 4px  
4px #55437E }
```

Background

The CSS property to change the background color of an element to Hex 55437E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55437E }
```

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

```
.background{ background-color:#55437E }
```

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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