

Converting Colors

Hex(55507D)

Have a look what the booklet for
Hex(55507D) contains.

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Color

Hex(55507D)

Conversions

Conversions Part 1

Format	Color
Hex	55507D
RGB	85, 80, 125
RGB Percent	33%, 31%, 49%
CMY	0.6667, 0.6863, 0.5098
CMYK	0.32, 0.36, 0.00, 0.51
HSL	247°, 22%, 40%
HSV	247°, 36%, 49%
XYZ	10.3166, 9.1493, 20.6243
YIQ	86.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

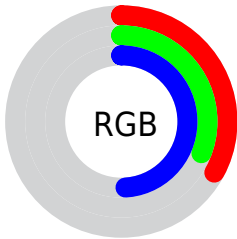
Format	Color
RYB	85, 80, 125
Decimal	5591165
CIELab	36.27, 13.21, -24.74
CIElCh	36, 28.043, 298.093
Yxy	9.1493, 0.2573, 0.2282
Android (android.graphics.Color)	4283781245 (0xFF55507D)
YUV	86.6250, 18.9189, -1.4251
Hunter-Lab	30.2478, 7.9476, -19.2531

Details

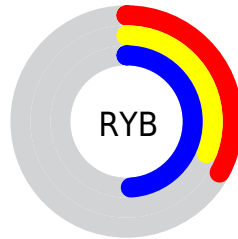
The Hex color **55507D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **787D50**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8881B2**, and **25244C** is the 20% darker color. If you saturate the color by 10%, you get **4A447D**, and if you desaturate by 10%, it is **605D7D**.

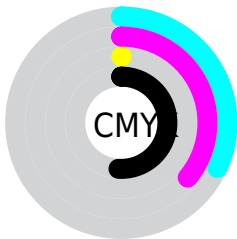
Distribution



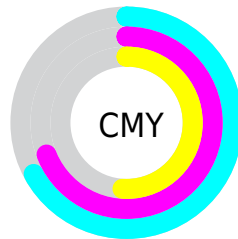
- Red (33%)
- Green (31%)
- Blue (49%)



- Red (33%)
- Yellow (31%)
- Blue (49%)



- Cyan (32%)
- Magenta (36%)
- Yellow (0%)
- Black (51%)



- Cyan (67%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55507D 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 55507D by changing the saturation by 10% instead.

■ 55507D

■ 55507D

FFFFFF

■ 3D3964

■ 8881B2

■ 25244C

■ A39BCD

■ 0E0F35

■ BEB6EA

■ 00021F

■ DAD2FF

■ 000003

■ F7EEFF

■ 000000

■ 55507D

■ 55507D

■ 4A447D

■ 605D7D

■ 3F377D

■ 6B697D

■ 342B7D

■ 76767D

■ 291E7D

■ 81827D

■ 1D127D

■ 8D8F7D

■ 12057D

■ 989B7D

■ 0E007D

■ A3A87D

■ AEB47D

■ B9C17D

Harmonies

Analogous

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



2D5882



55507D



70486D

Triad

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



55507D



764B30



016153

Complementary

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



55507D



787D50

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.



325F3D



55507D



645427

Square

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



55507D



7F4541



4E5A2C



00616A

Rectangle

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



55507D



7B445F



4E5A2C



19604B

Sweetspot

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



55507D



9391A3



50787D



484752



D1D1D1



525252

Same Dimension

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



55507D



655DA3



6B507D



3A3940



0E0080



000000

Inverse Universe

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



7D5078



A35D9B



627D50



40393F



800071



000000

Previews

White Background



This preview shows how the Hex color 55507D looks on a white background.

Color Contrast Check

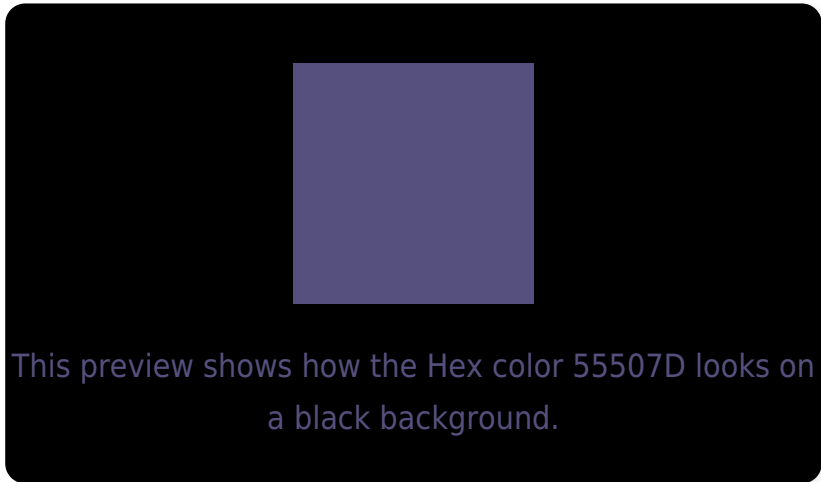
Large Text (above 18pt) WCAG AA ✓ Pass

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

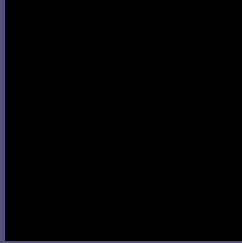
Any Text WCAG AA × Fail

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 55507D Background



This preview shows how black text looks on a background with the Hex color 55507D.

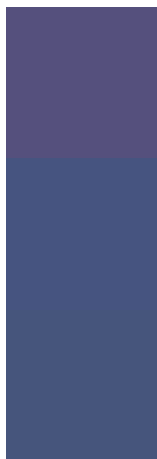


This preview shows how white text looks on a background with the Hex color 55507D.

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](#).

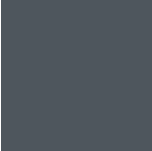
Dichromacy



Original Color
55507D

Protanopia
465480

Deuteranopia
46557C



Tritanopia
4E565D

Trichromacy



Original Color
55507D

Protanomaly
4B537F

Deuteranomaly
4B537C

Tritanomaly
515469

Monochromacy



Original Color
55507D

Achromatopsia
575757

Achromatomaly
565465

CSS Examples

Text

The CSS property to change the color of the text to Hex 55507D 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 #55507D looks like.

```
.text, #text, p{  
    color:#55507D  
}
```

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 #55507D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55507D
}
```

Border

The CSS property to change the border of an element to Hex 55507D is called "border". The border property can be set on classes, ids or directly on the HTML element.

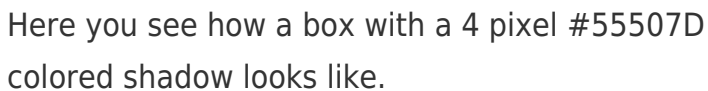
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55507D }
```

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

```
.border{ border-color:#55507D }
```

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



Here you see how a box with a 4 pixel #55507D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55507D; -webkit-box-shadow:4px 4px  
4px 4px #55507D; box-shadow:4px 4px 4px  
4px #55507D }
```

Background

The CSS property to change the background color of an element to Hex 55507D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55507D }
```

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

```
.background{ background-color:#55507D }
```

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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