

Converting Colors

Hex(555D7C)

Have a look what the booklet for
Hex(555D7C) contains.

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Color

Hex(555D7C)

Conversions

Conversions Part 1

Format	Color
Hex	555D7C
RGB	85, 93, 124
RGB Percent	33%, 36%, 49%
CMY	0.6667, 0.6353, 0.5137
CMYK	0.31, 0.25, 0.00, 0.51
HSL	228°, 19%, 41%
HSV	228°, 31%, 49%
XYZ	11.2988, 11.2152, 20.6380
YIQ	94.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

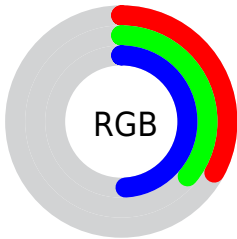
Format	Color
R _Y B	85, 92, 124
Decimal	5594492
CIE Lab	39.94, 4.72, -18.44
CIE LCh	40, 19.032, 284.375
Yxy	11.2152, 0.2618, 0.2599
Android (android.graphics.Color)	4283784572 (0xFF555D7C)
YUV	94.1420, 14.7200, -8.0175
Hunter-Lab	33.4892, 1.6173, -13.0957

Details

The Hex color **555D7C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C7455**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **888FB1**, and **262F4B** is the 20% darker color. If you saturate the color by 10%, you get **49537C**, and if you desaturate by 10%, it is **61677C**.

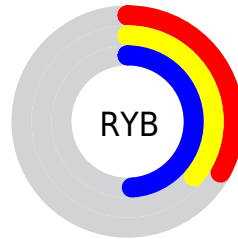
Distribution



 Red (33%)

 Green (36%)

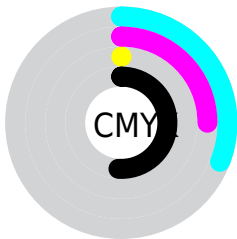
 Blue (49%)




 Red (33%)

 Yellow (36%)

 Blue (49%)

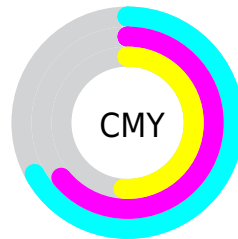



 Cyan (31%)


 Magenta (25%)

 Yellow (0%)

 Black (51%)



 Cyan (67%)

 Magenta (64%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555D7C 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 555D7C by changing the saturation by 10% instead.

■ 555D7C

FFFFFF

■ 888FB1

■ A2AACC

■ BDC5E8

■ D9E1FF

■ F6FDFD

■ 555D7C

■ 3D4663

■ 262F4B

■ 0F1B34

■ 00001F

■ 000003

■ 000000

■ 555D7C

■ 49537C

■ 3C497C

■ 555D7C

■ 61677C

■ 6E717C

■ 303F7C

■ 7A7B7C

■ 23367C

■ 87847C

■ 172C7C

■ 938E7C

■ 0B227C

■ 9F987C

■ 00197C

■ ACA27C

■ B8AC7C

■ C5B67C

Harmonies

Analogous

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



3E627C



555D7C



6A5874

Triad

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



555D7C



7A5549



3E6655

Complementary

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



555D7C



7C7455

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.



506448



555D7C



705A40

Square

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



555D7C



7D5357



626040



306765

Rectangle

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



555D7C



74556C



626040



446550

Sweetspot

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



555D7C



9295A1



557C74



494A52



D1D1D1



525252

Same Dimension

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



555D7C



6470A1



60557C



37383D



001A7D



0034FC

Inverse Universe

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



7C555D



A16470



717C55



3D3738



7D001A



FC0034

Previews

White Background



This preview shows how the Hex color 555D7C looks on a white background.

Color Contrast Check

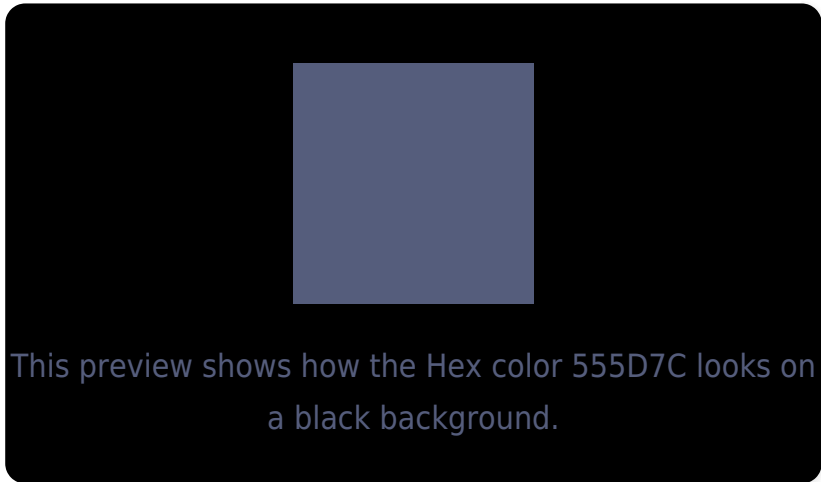
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

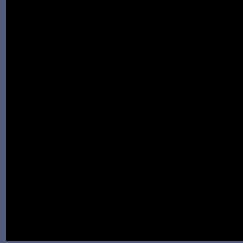
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

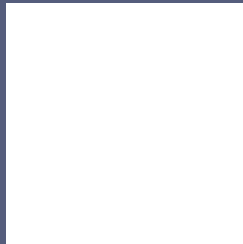
Any Text WCAG AAA × Fail

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

Hex 555D7C Background



This preview shows how black text looks on a background with the Hex color 555D7C.

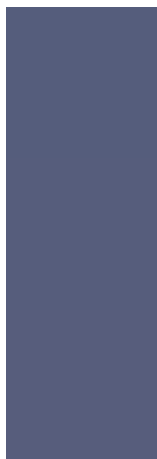


This preview shows how white text looks on a background with the Hex color 555D7C.

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
555D7C

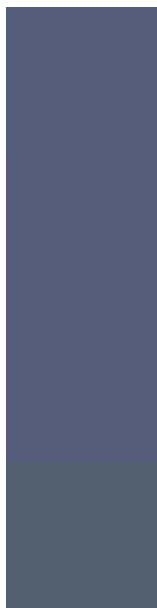
Protanopia
565D7C

Deuteranopia
575D7C



Tritanopia
516168

Trichromacy



Original Color

555D7C

Protanomaly

565D7C

Deuteranomaly

565D7C

Tritanomaly

52606F

Monochromacy



Original Color

555D7C

Achromatopsia

5E5E5E

Achromatomaly

5B5E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 555D7C 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 #555D7C looks like.

```
.text, #text, p{  
    color:#555D7C  
}
```

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 #555D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555D7C  
}
```

Border

The CSS property to change the border of an element to Hex 555D7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

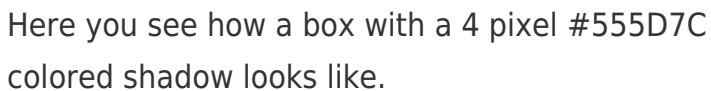
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#555D7C }
```

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

```
.border{ border-color:#555D7C }
```

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



Here you see how a box with a 4 pixel #555D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555D7C; -webkit-box-shadow:4px 4px  
4px 4px #555D7C; box-shadow:4px 4px 4px  
4px #555D7C }
```

Background

The CSS property to change the background color of an element to Hex 555D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555D7C }
```

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

```
.background{ background-color:#555D7C }
```

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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