

Converting Colors

Hex(564C7A)

Have a look what the booklet for
Hex(564C7A) contains.

Hex(564C7A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(564C7A)

Conversions

Conversions Part 1

Format	Color
Hex	564C7A
RGB	86, 76, 122
RGB Percent	34%, 30%, 48%
CMY	0.6627, 0.7020, 0.5216
CMYK	0.30, 0.38, 0.00, 0.52
HSL	253°, 23%, 39%
HSV	253°, 38%, 48%
XYZ	9.9350, 8.5525, 19.5395
YIQ	84.2340, -8.8060, 16.4260

Conversions

Conversions Part 2

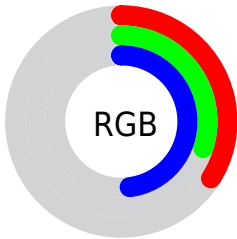
Format	Color
RYB	86, 76, 122
Decimal	5655674
CIELab	35.11, 15.24, -24.69
CIELCh	35, 29.016, 301.678
Yxy	8.5525, 0.2613, 0.2249
Android (android.graphics.Color)	4283845754 (0xFF564C7A)
YUV	84.2340, 18.6186, 1.5488
Hunter-Lab	29.2446, 9.4625, -19.1429

Details


The Hex color **564C7A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **707A4C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **897DAF**, and **262049** is the 20% darker color. If you saturate the color by 10%, you get **4C407A**, and if you desaturate by 10%, it is **60587A**.

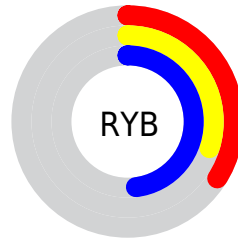
Distribution



 Red (34%)

 Green (30%)

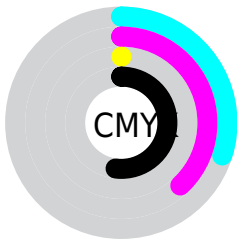
 Blue (48%)




 Red (34%)

 Yellow (30%)

 Blue (48%)

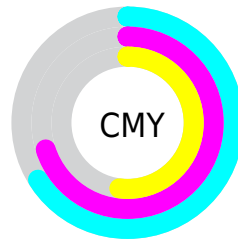


 Cyan (30%)

 Magenta (38%)

 Yellow (0%)

 Black (52%)



 Cyan (66%)

 Magenta (70%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564C7A 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 564C7A by changing the saturation by 10% instead.



564C7A



564C7A

FFFFFF



3E3561



897DAF



262049



A497CA



100A32



BFB2E6



00021D



DBCDFF



000000



F8E9FF



564C7A



564C7A



4C407A



60587A



43347A



69647A

■ 39277A

■ 73717A

■ 301B7A

■ 7C7D7A

■ 260F7A

■ 86897A

■ 1D037A

■ 8F957A

■ 1B007A

■ 99A17A

■ A2AE7A

■ ACBA7A

Harmonies

Analogous

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



2D5581



564C7A



704369

Triad

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



564C7A



72492A



005E53

Complementary

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



564C7A



707A4C

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.



295D3C



564C7A



5F5223

Square

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



564C7A



7D423C



47582A



005E6A

Rectangle

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



564C7A



7A405A



47582A



065E4B

Sweetspot

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



564C7A



908D9E



4C707A



47454F



CFCFCF



4F4F4F

Same Dimension

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



564C7A



66579E



6D4C7A



38373D



1B007D



3700FC

Inverse Universe

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



7A4C70



9E578F



597A4C



3D373C



7D0062



FC00C6

Previews

White Background



This preview shows how the Hex color 564C7A looks on a white background.

Color Contrast Check

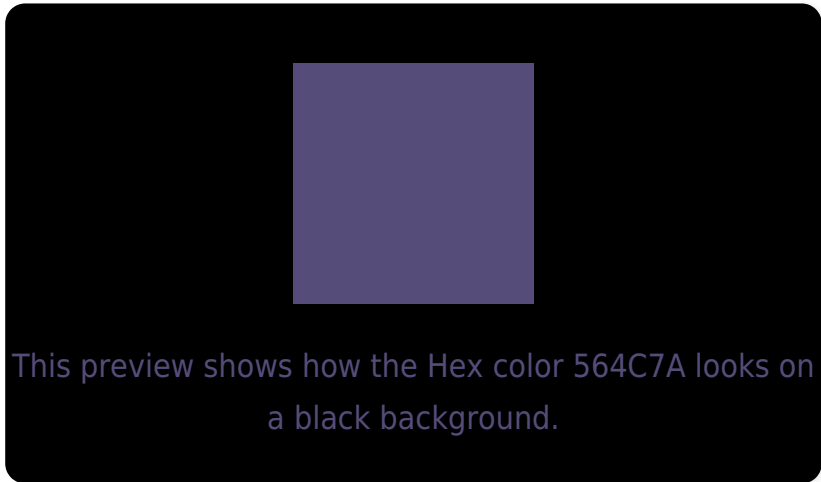
Large Text (above 18pt) WCAG AA ✓ Pass

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

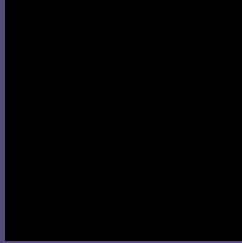
Any Text WCAG AA × Fail

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 564C7A Background



This preview shows how black text looks on a background with the Hex color 564C7A.



This preview shows how white text looks on a background with the Hex color 564C7A.

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](#).

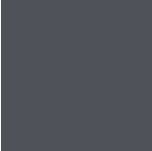
Dichromacy



Original Color
564C7A

Protanopia
43517E

Deuteranopia
435279



Tritanopia
4F5359

Trichromacy



Original Color
564C7A

Protanomaly
4A4F7D

Deuteranomaly
4A5079

Tritanomaly
525065

Monochromacy



Original Color
564C7A

Achromatopsia
545454

Achromatomaly
555162

CSS Examples

Text

The CSS property to change the color of the text to Hex 564C7A 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 #564C7A looks like.

```
.text, #text, p{  
    color:#564C7A  
}
```

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 #564C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564C7A
}
```

Border

The CSS property to change the border of an element to Hex 564C7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

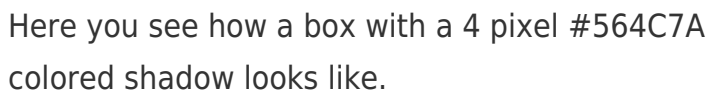
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564C7A }
```

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

```
.border{ border-color:#564C7A }
```

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



Here you see how a box with a 4 pixel #564C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564C7A; -webkit-box-shadow:4px 4px  
4px 4px #564C7A; box-shadow:4px 4px 4px  
4px #564C7A }
```

Background

The CSS property to change the background color of an element to Hex 564C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564C7A }
```

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

```
.background{ background-color:#564C7A }
```

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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