

Converting Colors

Hex(564A7C)

Have a look what the booklet for
Hex(564A7C) contains.

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Color

Hex(564A7C)

Conversions

Conversions Part 1

Format	Color
Hex	564A7C
RGB	86, 74, 124
RGB Percent	34%, 29%, 49%
CMY	0.6627, 0.7098, 0.5137
CMYK	0.31, 0.40, 0.00, 0.51
HSL	254°, 25%, 39%
HSV	254°, 40%, 49%
XYZ	9.9246, 8.3312, 20.1538
YIQ	83.2880, -8.8980, 18.0940

Conversions

Conversions Part 2

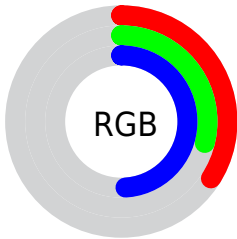
Format	Color
RYB	86, 74, 124
Decimal	5655164
CIELab	34.66, 17.07, -26.63
CIElCh	35, 31.632, 302.663
Yxy	8.3312, 0.2584, 0.2169
Android (android.graphics.Color)	4283845244 (0xFF564A7C)
YUV	83.2880, 20.0710, 2.3784
Hunter-Lab	28.8639, 10.8641, -21.1937

Details

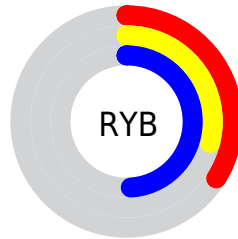
The Hex color **564A7C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **707C4A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **897BB1**, and **261E4B** is the 20% darker color. If you saturate the color by 10%, you get **4D3E7C**, and if you desaturate by 10%, it is **5F567C**.

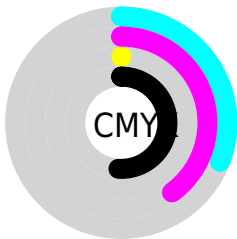
Distribution



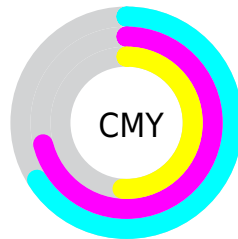
- Red (34%)
- Green (29%)
- Blue (49%)



- Red (34%)
- Yellow (29%)
- Blue (49%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)
- Black (51%)



- Cyan (66%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564A7C 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 564A7C by changing the saturation by 10% instead.

■ 564A7C

■ 564A7C

FFFFFF

■ 3E3363

■ 897BB1

■ 261E4B

■ A495CC

■ 100734

■ BFAFE9

■ 00021E

■ DBCBFF

■ 000000

■ F8E7FF

■ 564A7C

■ 564A7C

■ 4D3E7C

■ 5F567C

■ 43317C

■ 69637C

■ 3A257C

■ 726F7C

■ 30187C

■ 7C7C7C

■ 270C7C

■ 85887C

■ 1E007C

■ 8F947C

■ 98A17C

■ A1AD7C

■ ABBA7C

Harmonies

Analogous

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



265384



564A7C



724069

Triad

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



564A7C



724825



005E53

Complementary

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



564A7C



707C4A

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.



215C39



564A7C



5E511D

Square

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



564A7C



7F3F38



445825



005E6C

Rectangle

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



564A7C



7D3C59



445825



005E4A

Sweetspot

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



564A7C



928DA1



4A707C



494652



D1D1D1



525252

Same Dimension

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



564A7C



6654A1



6F4A7C



39373D



1E007D



3D00FC

Inverse Universe

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



7C4A70



A1548E



577C4A



3D373C



7D005F



FC00C0

Previews

White Background



This preview shows how the Hex color 564A7C 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

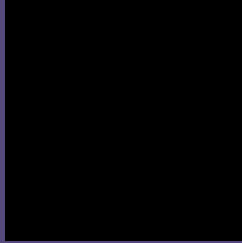
Any Text WCAG AA × Fail

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 564A7C Background



This preview shows how black text looks on a background with the Hex color 564A7C.



This preview shows how white text looks on a background with the Hex color 564A7C.

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](#).

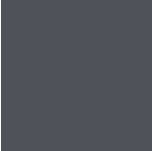
Dichromacy



Original Color
564A7C

Protanopia
3F5081

Deuteranopia
3F517A



Tritanopia
4F5258

Trichromacy



Original Color
564A7C

Protanomaly
474E7F

Deuteranomaly
474E7B

Tritanomaly
524F65

Monochromacy



Original Color
564A7C

Achromatopsia
535353

Achromatomaly
545062

CSS Examples

Text

The CSS property to change the color of the text to Hex 564A7C 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 #564A7C looks like.

```
.text, #text, p{  
    color:#564A7C  
}
```

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 #564A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564A7C
}
```

Border

The CSS property to change the border of an element to Hex 564A7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

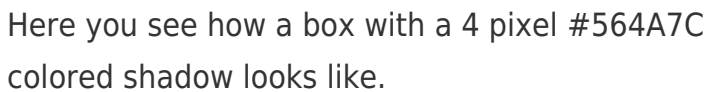
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564A7C }
```

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

```
.border{ border-color:#564A7C }
```

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



Here you see how a box with a 4 pixel #564A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564A7C; -webkit-box-shadow:4px 4px  
4px 4px #564A7C; box-shadow:4px 4px 4px  
4px #564A7C }
```

Background

The CSS property to change the background color of an element to Hex 564A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564A7C }
```

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

```
.background{ background-color:#564A7C }
```

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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