

Converting Colors

Hex(525D7B)

Have a look what the booklet for
Hex(525D7B) contains.

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Color

Hex(525D7B)

Conversions

Conversions Part 1

Format	Color
Hex	525D7B
RGB	82, 93, 123
RGB Percent	32%, 36%, 48%
CMY	0.6784, 0.6353, 0.5176
CMYK	0.33, 0.24, 0.00, 0.52
HSL	224°, 20%, 40%
HSV	224°, 33%, 48%
XYZ	10.9692, 11.0526, 20.2941
YIQ	93.1310, -16.1860, 6.9980

Conversions

Conversions Part 2

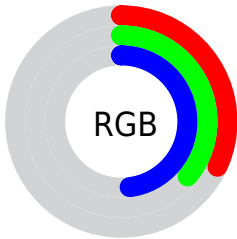
Format	Color
R _Y B	82, 91, 123
Decimal	5397883
CIE Lab	39.67, 3.48, -18.26
CIE LCh	40, 18.592, 280.795
Yxy	11.0526, 0.2592, 0.2612
Android (android.graphics.Color)	4283587963 (0xFF525D7B)
YUV	93.1310, 14.7254, -9.7619
Hunter-Lab	33.2455, 0.7157, -12.9208

Details

The Hex color **525D7B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B7052**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **858FB0**, and **232F4A** is the 20% darker color. If you saturate the color by 10%, you get **46547B**, and if you desaturate by 10%, it is **5E667B**.

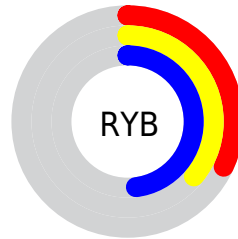
Distribution



Red (32%)

Green (36%)

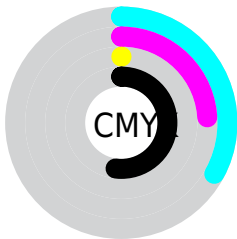
Blue (48%)



Red (32%)

Yellow (36%)

Blue (48%)

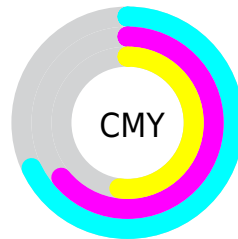


Cyan (33%)

Magenta (24%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 525D7B 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 525D7B by changing the saturation by 10% instead.

■ 525D7B

■ 525D7B

FFFFFF

■ 3A4662

■ 858FB0

■ 232F4A

■ 9FAACB

■ 0B1B33

■ BAC5E7

■ 00001F

■ D6E1FF

■ 000001

■ F3FDFF

■ 000000

■ 525D7B

■ 525D7B

■ 46547B

■ 5E667B

■ 394B7B

■ 6B6F7B

■ 2D427B

■ 77787B

■ 21397B

■ 83817B

■ 15307B

■ 908A7B

■ 08277B

■ 9C937B

■ 00217B

■ A89C7B

■ B4A57B

■ C1AE7B

Harmonies

Analogous

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



3C627A



525D7B



675874

Triad

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



525D7B



7A554A



406553

Complementary

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



525D7B



7B7052

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.



526246



525D7B



715941

Square

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



525D7B



7C5258



635E40



326663

Rectangle

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



525D7B



71556C



635E40



46644E

Sweetspot

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



525D7B



9195A1



527B6F



484A52



D1D1D1



525252

Same Dimension

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



525D7B



6072A1



5B527B



37393D



00227D



0044FC

Inverse Universe

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



7B525D



A16072



727B52



3D3739



7D0022



FC0044

Previews

White Background



This preview shows how the Hex color 525D7B 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

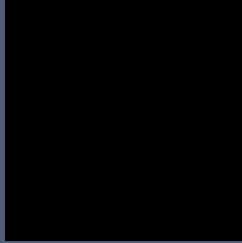
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

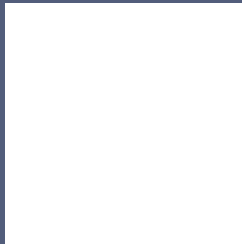
Any Text WCAG AAA × Fail

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

Hex 525D7B Background



This preview shows how black text looks on a background with the Hex color 525D7B.

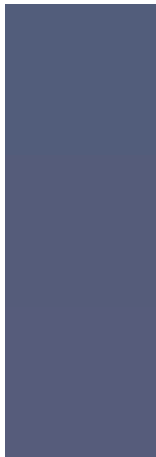


This preview shows how white text looks on a background with the Hex color 525D7B.

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
525D7B

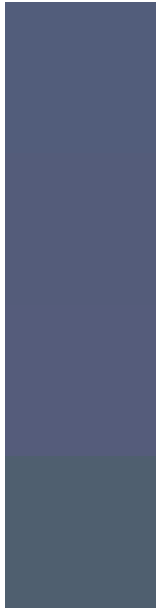
Protanopia
555C7A

Deuteranopia
565C7B



Tritanopia
4E6068

Trichromacy



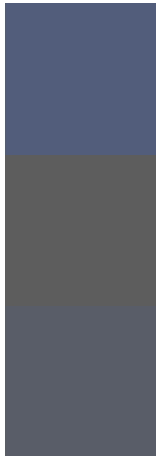
Original Color
525D7B

Protanomaly
545C7A

Deuteranomaly
555C7B

Tritanomaly
4F5F6F

Monochromacy



Original Color
525D7B

Achromatopsia
5D5D5D

Achromatomaly
595D68

CSS Examples

Text

The CSS property to change the color of the text to Hex 525D7B 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 #525D7B looks like.

```
.text, #text, p{  
    color:#525D7B  
}
```

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 #525D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525D7B  
}
```

Border

The CSS property to change the border of an element to Hex 525D7B 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".

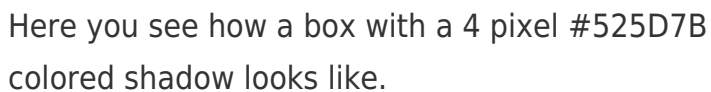
```
.border, #border, table{ border:4px solid  
#525D7B }
```

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

```
.border{ border-color:#525D7B }
```

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

Here you see how a box with a 4 pixel #525D7B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525D7B; -webkit-box-shadow:4px 4px  
4px 4px #525D7B; box-shadow:4px 4px 4px  
4px #525D7B }
```

Background

The CSS property to change the background color of an element to Hex 525D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525D7B }
```

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

```
.background{ background-color:#525D7B }
```

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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