

# Converting Colors

Hex(525D8A)

Have a look what the booklet for  
Hex(525D8A) contains.

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# Color

Hex(525D8A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	525D8A
RGB	82, 93, 138
RGB Percent	32%, 36%, 54%
CMY	0.6784, 0.6353, 0.4588
CMYK	0.41, 0.33, 0.00, 0.46
HSL	228°, 25%, 43%
HSV	228°, 41%, 54%
XYZ	11.9815, 11.4575, 25.6248
YIQ	94.8410, -21.0010, 11.6630

# Conversions

## Conversions Part 2

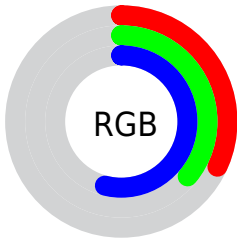
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 91, 138
Decimal	5397898
CIE <sub>Lab</sub>	40.34, 7.86, -26.34
CIE <sub>LCh</sub>	40, 27.488, 286.607
Yxy	11.4575, 0.2442, 0.2335
Android (android.graphics.Color)	4283587978 (0xFF525D8A)
YUV	94.8410, 21.2774, -11.2616
Hunter-Lab	33.8490, 3.9477, -21.1902

# Details

The Hex color **525D8A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A7F52**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **868FC0**, and **202F58** is the 20% darker color. If you saturate the color by 10%, you get **44528A**, and if you desaturate by 10%, it is **60688A**.

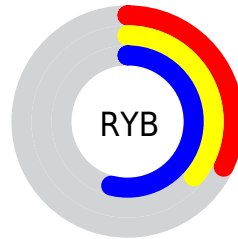
# Distribution



Red (32%)

Green (36%)

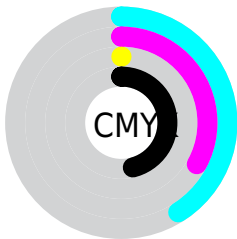
Blue (54%)



Red (32%)

Yellow (36%)

Blue (54%)

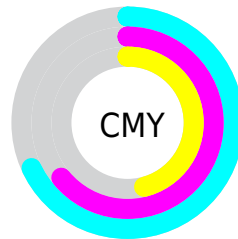


Cyan (41%)

Magenta (33%)

Yellow (0%)

Black (46%)



Cyan (68%)

Magenta (64%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 525D8A 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 525D8A by changing the saturation by 10% instead.



■ 525D8A

■ 525D8A

FFFFFF

■ 394670

■ 868FC0

■ 202F58

■ A0AADC

■ 031B40

■ BCC5F8

■ 00002A

■ D8E1FF

■ 000114

■ F5FDFD

■ 000000

■ 525D8A

■ 525D8A

■ 44528A

■ 60688A

■ 36478A

■ 6E738A

■ 293C8A

■ 7B7E8A

■ 1B318A

■ 89898A

■ 0D268A

■ 97948A

■ 001B8A

■ A5A08A

■ B3AB8A

■ C0B68A

■ CEC18A

# Harmonies

## Analogous

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



27648A



525D8A



71557E

# Triad

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



525D8A



85523F



296A54

# Complementary

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



525D8A



8A7F52

# 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.



48673F



525D8A



765A33

# Square

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



525D8A



8B4E53



616233



006B6B

# Rectangle

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



525D8A



7F5071



616233



34694C



# Sweetspot

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



525D8A



9DA1B3



528A7F



4D4F59



D9D9D9



595959



# Same Dimension

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



525D8A



5B6CB3



63528A



3E3F45



001A85



000105



# Inverse Universe

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



8A525D



B35B6C



798A52



453E3F



85001A

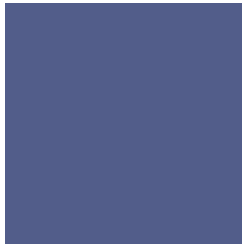


050001



# Previews

## White Background



This preview shows how the Hex color 525D8A looks on a white background.

## Color Contrast Check

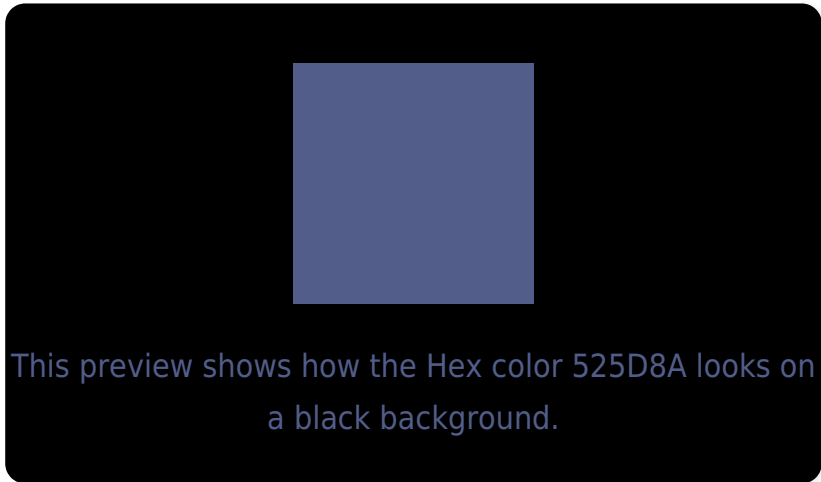
Large Text (above 18pt) WCAG AA ✓ Pass

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

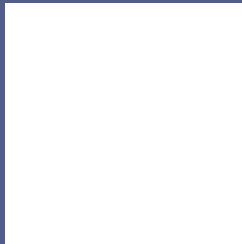
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 525D8A Background



This preview shows how black text looks on a background with the Hex color 525D8A.

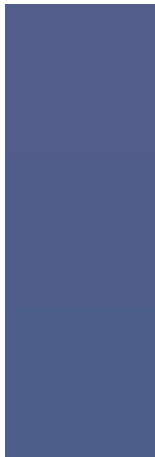


This preview shows how white text looks on a background with the Hex color 525D8A.

# 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**  
525D8A

**Protanopia**  
505D8A

**Deuteranopia**  
4E5E8A



**Tritanopia**  
4A636B

# Trichromacy



**Original Color**

525D8A

**Protanomaly**

515D8A

**Deuteranomaly**

4F5E8A

**Tritanomaly**

4D6176

# Monochromacy



**Original Color**

525D8A

**Achromatopsia**

5F5F5F

**Achromatomaly**

5A5E6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 525D8A 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 #525D8A looks like.

```
.text, #text, p{  
    color:#525D8A  
}
```

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 #525D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525D8A
}
```

## Border

The CSS property to change the border of an element to Hex 525D8A 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".

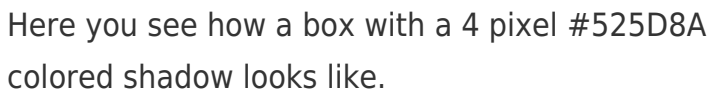
```
.border, #border, table{ border:4px solid
#525D8A }
```

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

```
.border{ border-color:#525D8A }
```

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

Here you see how a box with a 4 pixel #525D8A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525D8A; -webkit-box-shadow:4px 4px  
4px 4px #525D8A; box-shadow:4px 4px 4px  
4px #525D8A }
```

# Background

The CSS property to change the background color of an element to Hex 525D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525D8A }
```

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

```
.background{ background-color:#525D8A }
```

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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