

# Converting Colors

Hex(527383)

Have a look what the booklet for  
Hex(527383) contains.

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# Color

Hex(527383)

# Conversions

## Conversions Part 1

Format	Color
Hex	527383
RGB	82, 115, 131
RGB Percent	32%, 45%, 51%
CMY	0.6784, 0.5490, 0.4863
CMYK	0.37, 0.12, 0.00, 0.49
HSL	200°, 23%, 42%
HSV	200°, 37%, 51%
XYZ	13.7071, 15.6940, 23.7795
YIQ	106.9570, -24.8040, -2.0200

# Conversions

## Conversions Part 2

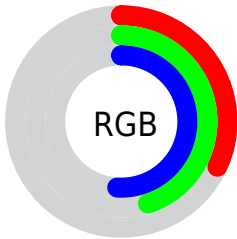
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 102, 131
Decimal	5403523
CIE <sub>Lab</sub>	46.57, -7.50, -12.56
CIE <sub>LCh</sub>	47, 14.628, 239.174
Yxy	15.6940, 0.2577, 0.2951
Android (android.graphics.Color)	4283593603 (0xFF527383)
YUV	106.9570, 11.8532, -21.8873
Hunter-Lab	39.6157, -7.5658, -7.8582

# Details

The Hex color **527383** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **836252**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **85A7B8**, and **214352** is the 20% darker color. If you saturate the color by 10%, you get **456F83**, and if you desaturate by 10%, it is **5F7783**.

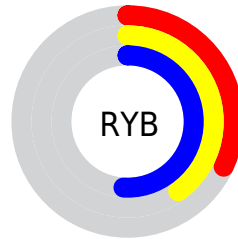
# Distribution



Red (32%)

Green (45%)

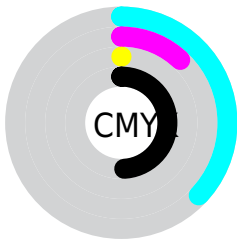
Blue (51%)



Red (32%)

Yellow (40%)

Blue (51%)

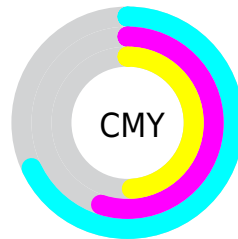


Cyan (37%)

Magenta (12%)

Yellow (0%)

Black (49%)



Cyan (68%)

Magenta (55%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527383 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 527383 by changing the saturation by 10% instead.



■ 527383

■ 527383

FFFFFF

■ 395A6A

■ 85A7B8

■ 214352

■ A0C2D4

■ 062D3B

■ BBDEF0

■ 001925

■ D7FBFF

■ 00010F

■ F4FFFF

■ 000000

■ 527383

■ 527383

■ 456F83

■ 5F7783

■ 386A83

■ 6C7C83

■ 2B6683

■ 798083

■ 1E6283

■ 868483

■ 115E83

■ 948883

■ 035983

■ A18D83

■ 005883

■ AE9183

■ BB9583

■ C89983

# Harmonies

## Analogous

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



4D757A



527383



607087

# Triad

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



527383



86666F



6B7159

# Complementary

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



527383



836252

# 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.



786D56



527383



886663

# Square

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



527383



7E687B



82695A



5D7461

# Rectangle

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



527383



6B6D85



82695A



6F7057



# Sweetspot

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



527383



98A5AB



528362



4B5357



D6D6D6



575757



# Same Dimension

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



527383



5E92AB



525B83



3C4042



005882



000203



# Inverse Universe

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



835273



AB5E92



837A52



423C40



820058



030002



# Previews

## White Background



This preview shows how the Hex color 527383 looks on a white background.

## Color Contrast Check

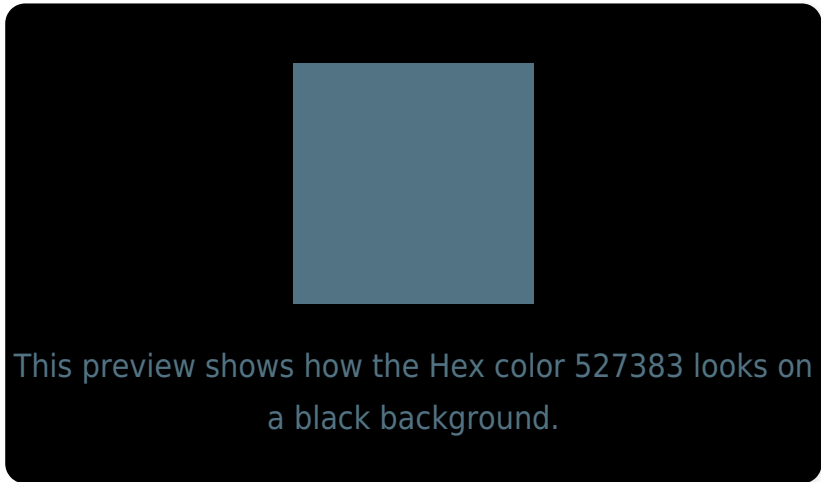
Large Text (above 18pt) WCAG AA ✓ Pass

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

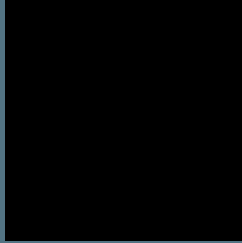
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 527383 Background



This preview shows how black text looks on a background with the Hex color 527383.

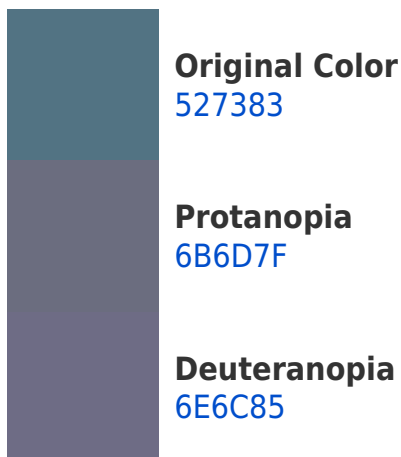


This preview shows how white text looks on a background with the Hex color 527383.

# 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





# Trichromacy



**Original Color**  
527383

**Protanomaly**  
626F80

**Deuteranomaly**  
646F84

**Tritanomaly**  
51747F

# Monochromacy



**Original Color**  
527383

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
626E74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527383 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 #527383 looks like.

```
.text, #text, p{  
    color:#527383  
}
```

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 #527383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527383
}
```

## Border

The CSS property to change the border of an element to Hex 527383 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
#527383 }
```

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

```
.border{ border-color:#527383 }
```

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

Here you see how a box with a 4 pixel #527383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527383; -webkit-box-shadow:4px 4px  
4px 4px #527383; box-shadow:4px 4px 4px  
4px #527383 }
```

# Background

The CSS property to change the background color of an element to Hex 527383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527383 }
```

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

```
.background{ background-color:#527383 }
```

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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