

# Converting Colors

Hex(527386)

Have a look what the booklet for  
Hex(527386) contains.

<b>Hex(527386)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(527386)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	527386
RGB	82, 115, 134
RGB Percent	32%, 45%, 53%
CMY	0.6784, 0.5490, 0.4745
CMYK	0.39, 0.14, 0.00, 0.47
HSL	202°, 24%, 42%
HSV	202°, 39%, 53%
XYZ	13.9135, 15.7765, 24.8661
YIQ	107.2990, -25.7670, -1.0870

# Conversions

## Conversions Part 2

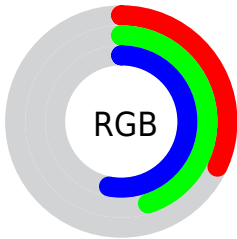
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 102, 134
Decimal	5403526
CIE <sub>Lab</sub>	46.68, -6.66, -14.18
CIE <sub>LCh</sub>	47, 15.666, 244.846
Yxy	15.7765, 0.2550, 0.2892
Android (android.graphics.Color)	4283593606 (0xFF527386)
YUV	107.2990, 13.1636, -22.1872
Hunter-Lab	39.7197, -6.9824, -9.3141

# Details

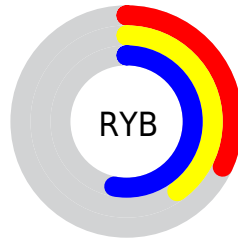
The Hex color **527386** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **866552**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **85A7BB**, and **214354** is the 20% darker color. If you saturate the color by 10%, you get **456E86**, and if you desaturate by 10%, it is **5F7886**.

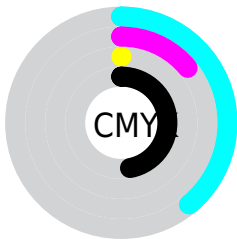
# Distribution



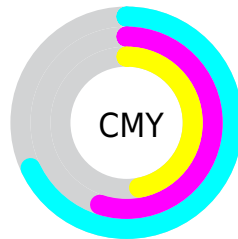
- Red (32%)
- Green (45%)
- Blue (53%)



- Red (32%)
- Yellow (40%)
- Blue (53%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (55%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527386 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 527386 by changing the saturation by 10% instead.



■ 527386

■ 527386

FFFFFF

■ 395A6D

■ 85A7BB

■ 214354

■ A0C2D7

■ 052D3D

■ BCDEF3

■ 001927

■ D8FBFF

■ 000112

■ F5FFFF

■ 000000

■ 527386

■ 527386

■ 456E86

■ 5F7886

■ 376986

■ 6D7D86

■ 2A6486

■ 7A8286

■ 1C5F86

■ 888786

■ 0F5B86

■ 958B86

■ 025686

■ A29086

■ 005586

■ B09586

■ BD9A86

■ CB9F86

# Harmonies

## Analogous

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



4A757D



527386



626F89

# Triad

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



527386



89656D



687259

# Complementary

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



527386



866552

# 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.



766E55



527386



896760

# Square

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



527386



82677A



826A57



597563

# Rectangle

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



527386



6E6C86



826A57



6D7157



# Sweetspot

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



527386



99A6AD



528664



4B5257



D6D6D6



575757



# Same Dimension

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



527386



5C90AD



525A86



3C4042



005382



000203



# Inverse Universe

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



865273



AD5C90



867E52



423C40



820053



030002



# Previews

## White Background



This preview shows how the Hex color 527386 looks on a white background.

## Color Contrast Check

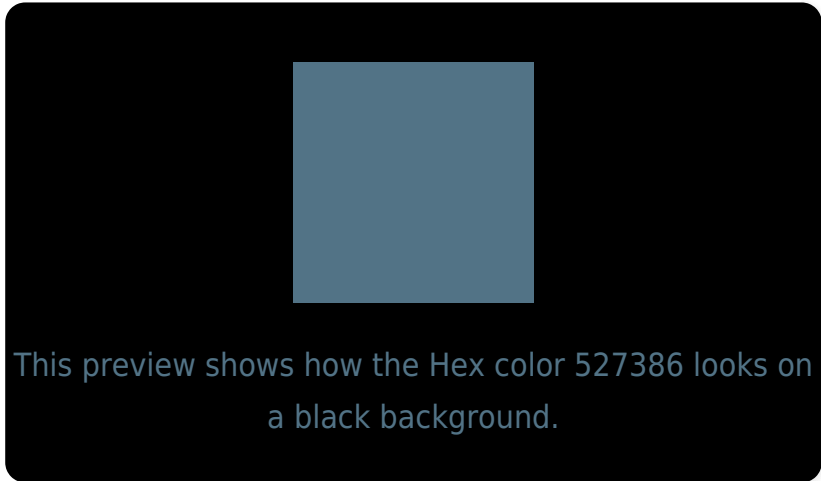
Large Text (above 18pt) WCAG AA ✓ Pass

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

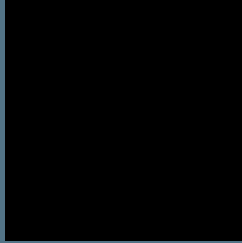
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

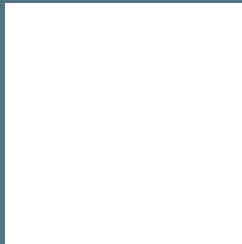
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 527386 Background



This preview shows how black text looks on a background with the Hex color 527386.

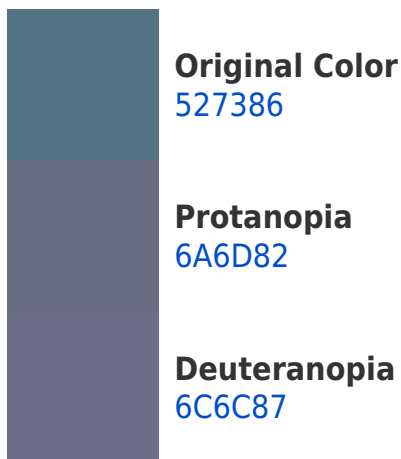


This preview shows how white text looks on a background with the Hex color 527386.

# 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](#).

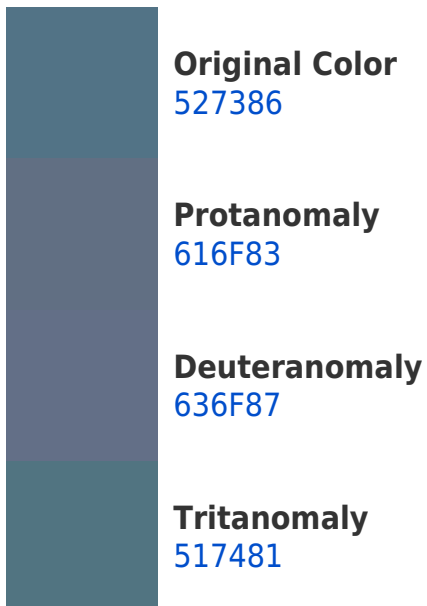
## Dichromacy



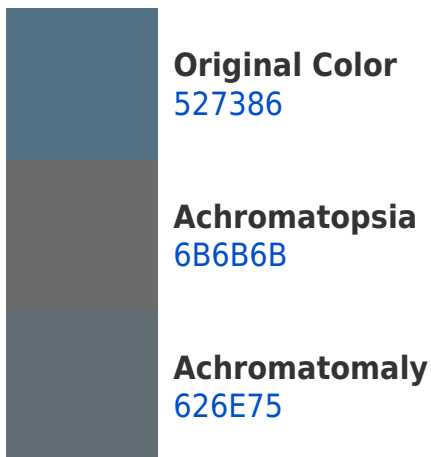


**Tritanopia**  
50747E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527386 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 #527386 looks like.

```
.text, #text, p{  
    color:#527386  
}
```

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 #527386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527386
}
```

## Border

The CSS property to change the border of an element to Hex 527386 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
#527386 }
```

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

```
.border{ border-color:#527386 }
```

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

Here you see how a box with a 4 pixel #527386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527386; -webkit-box-shadow:4px 4px  
4px 4px #527386; box-shadow:4px 4px 4px  
4px #527386 }
```

# Background

The CSS property to change the background color of an element to Hex 527386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527386 }
```

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

```
.background{ background-color:#527386 }
```

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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