

# Converting Colors

Hex(5B7975)

Have a look what the booklet for  
Hex(5B7975) contains.

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# Color

Hex(5B7975)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B7975
RGB	91, 121, 117
RGB Percent	36%, 47%, 46%
CMY	0.6431, 0.5255, 0.5412
CMYK	0.25, 0.00, 0.03, 0.53
HSL	172°, 14%, 42%
HSV	172°, 25%, 47%
XYZ	14.3626, 17.1832, 19.3893
YIQ	111.5740, -16.5960, -7.6040

# Conversions

## Conversions Part 2

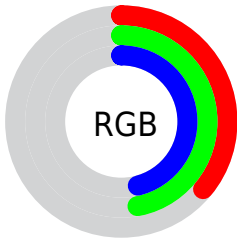
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 107, 121
Decimal	5994869
CIE <sub>Lab</sub>	48.49, -11.66, -1.33
CIE <sub>LCh</sub>	48, 11.731, 186.512
Yxy	17.1832, 0.2820, 0.3374
Android (android.graphics.Color)	4284184949 (0xFF5B7975)
YUV	111.5740, 2.6750, -18.0434
Hunter-Lab	41.4527, -10.6950, 1.2842

# Details

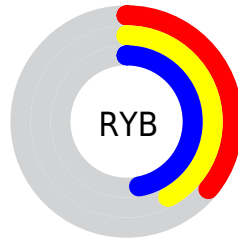
The Hex color **5B7975** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **795B5F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8EADA9**, and **2C4845** is the 20% darker color. If you saturate the color by 10%, you get **4F7973**, and if you desaturate by 10%, it is **677977**.

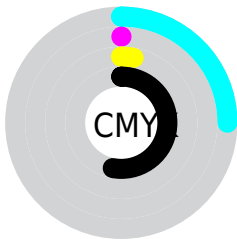
# Distribution



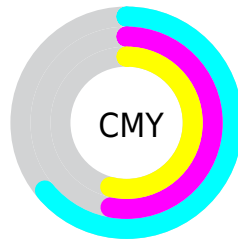
- Red (36%)
- Green (47%)
- Blue (46%)



- Red (36%)
- Yellow (42%)
- Blue (47%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B7975 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 5B7975 by changing the saturation by 10% instead.





5B7975



5B7975

FFFFFF



43605C



8EADA9



2C4845



A9C9C4



15322F



C4E5E0



001D1A



E0FFFD



000000



FDFFFF



5B7975



5B7975



4F7973



677977



437972



737978

■ 377970

■ 7F797A

■ 2B796F

■ 8B797B

■ 1F796D

■ 97797D

■ 12796B

■ A4797F

■ 06796A

■ B07980

■ 007969

■ BC7982

■ C87984

# Harmonies

## Analogous

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



63786B



5B7975



5A787F

# Triad

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



5B7975



787083



827061

# Complementary

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



5B7975



795B5F

# 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.



876D68



5B7975



826D7B

# Square

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



5B7975



6B7387



886C71



797360

# Rectangle

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



5B7975



5D7783



886C71



846F63



# Sweetspot

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



5B7975



939E9D



5F795B



494F4E



CFCFCF



4F4F4F



# Same Dimension

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



5B7975



6F9E98



5B6E79



373D3C



007D6C



00FCDB



# Inverse Universe

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



795B5F



9E6F75



79665B



3D3738



7D0011



FC0022



# Previews

## White Background



This preview shows how the Hex color 5B7975 looks on a white background.

## Color Contrast Check

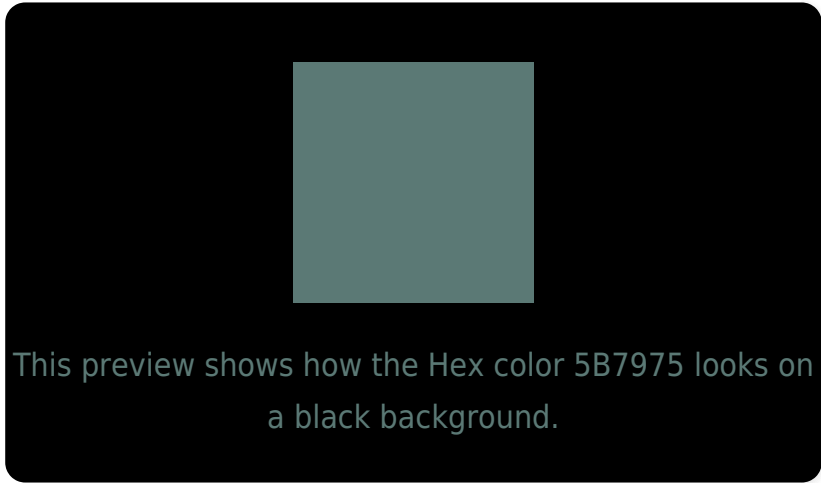
Large Text (above 18pt) WCAG AA ✓ Pass

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

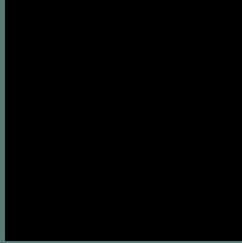
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

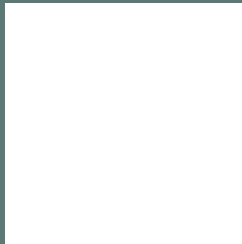
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B7975 Background



This preview shows how black text looks on a background with the Hex color 5B7975.



This preview shows how white text looks on a background with the Hex color 5B7975.

# 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**  
5D7781

# Trichromacy



**Original Color**  
5B7975

**Protanomaly**  
6C7572

**Deuteranomaly**  
707376

**Tritanomaly**  
5C787D

# Monochromacy



**Original Color**  
5B7975

**Achromatopsia**  
707070

**Achromatomaly**  
687372

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B7975 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 #5B7975 looks like.

```
.text, #text, p{  
    color:#5B7975  
}
```

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 #5B7975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7975
}
```

## Border

The CSS property to change the border of an element to Hex 5B7975 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
#5B7975 }
```

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

```
.border{ border-color:#5B7975 }
```

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

Here you see how a box with a 4 pixel #5B7975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7975; -webkit-box-shadow:4px 4px  
4px 4px #5B7975; box-shadow:4px 4px 4px  
4px #5B7975 }
```

# Background

The CSS property to change the background color of an element to Hex 5B7975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7975 }
```

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

```
.background{ background-color:#5B7975 }
```

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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