

Converting Colors

Hex(5D7873)

Have a look what the booklet for
Hex(5D7873) contains.

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Color

Hex(5D7873)

Conversions

Conversions Part 1

Format	Color
Hex	5D7873
RGB	93, 120, 115
RGB Percent	36%, 47%, 45%
CMY	0.6353, 0.5294, 0.5490
CMYK	0.22, 0.00, 0.04, 0.53
HSL	169°, 13%, 42%
HSV	169°, 23%, 47%
XYZ	14.3252, 16.9979, 18.7456
YIQ	111.3570, -14.4870, -7.2790

Conversions

Conversions Part 2

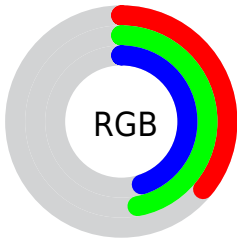
Format	Color
R _Y B	93, 108, 120
Decimal	6125683
CIE Lab	48.26, -10.88, -0.47
CIE LCh	48, 10.895, 182.485
Yxy	16.9979, 0.2861, 0.3395
Android (android.graphics.Color)	4284315763 (0xFF5D7873)
YUV	111.3570, 1.7960, -16.0991
Hunter-Lab	41.2285, -10.1286, 1.9023

Details

The Hex color **5D7873** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785D62**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **90ACA7**, and **2E4743** is the 20% darker color. If you saturate the color by 10%, you get **517871**, and if you desaturate by 10%, it is **697875**.

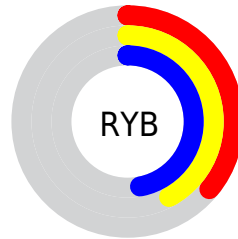
Distribution



Red (36%)

Green (47%)

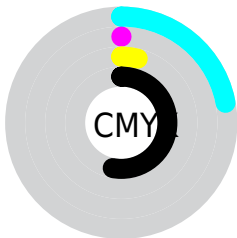
Blue (45%)



Red (36%)

Yellow (42%)

Blue (47%)

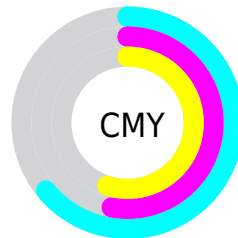


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7873 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 5D7873 by changing the saturation by 10% instead.



5D7873



5D7873

FFFFFF



455F5A



90ACA7



2E4743



ABC8C2



18312D



C6E4DE



011C18



E2FFFA



000000



5D7873



5D7873



517871



697875



45786F



757877



39786C



81787A

■ 2D786A

■ 8D787C

■ 217868

■ 99787E

■ 157866

■ A57880

■ 097863

■ B17883

■ 007862

■ BD7885

■ C97887

Harmonies

Analogous

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



65776A



5D7873



5B787C

Triad

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



5D7873



757082



816F63

Complementary

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



5D7873



785D62

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.



866D69



5D7873



7F6D7B

Square

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



5D7873



6A7385



856C72



797260

Rectangle

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



5D7873



5D7781



856C72



836E64

Sweetspot

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



5D7873



919C9A



62785D



494F4E



CFCFCF



4F4F4F

Same Dimension

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



5D7873



729C94



5D7078



373D3C



007D66



00FCCE

Inverse Universe

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



785D62



9C7279



78655D



3D3738



7D0017



FC002F

Previews

White Background



This preview shows how the Hex color 5D7873 looks on a white background.

Color Contrast Check

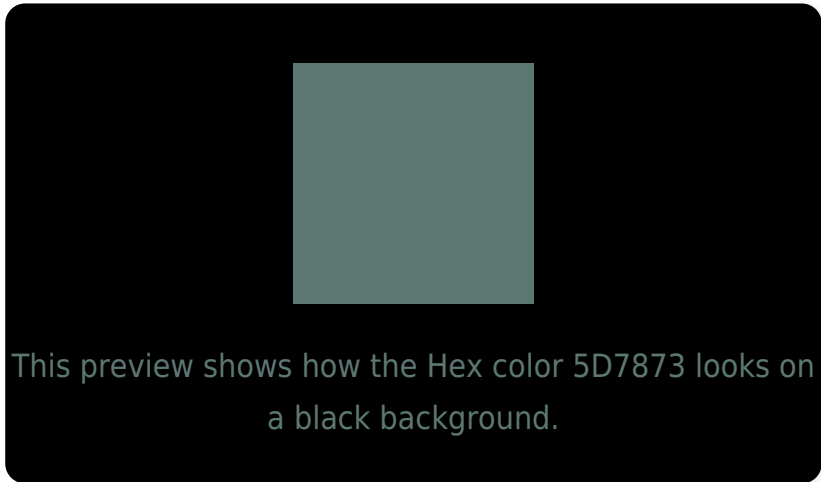
Large Text (above 18pt) WCAG AA ✓ Pass

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

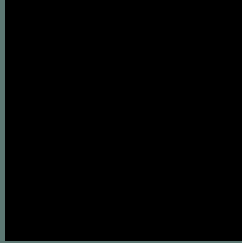
Any Text WCAG AA × Fail

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 5D7873 Background



This preview shows how black text looks on a background with the Hex color 5D7873.



This preview shows how white text looks on a background with the Hex color 5D7873.

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
5D7873

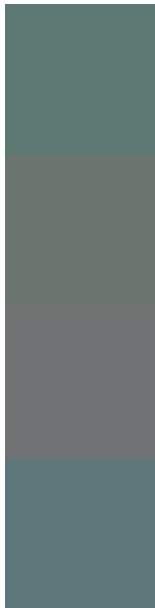
Protanopia
75726F

Deuteranopia
7C6F75



Tritanopia
607680

Trichromacy



Original Color
5D7873

Protanomaly
6C7470

Deuteranomaly
717274

Tritanomaly
5F777B

Monochromacy



Original Color
5D7873

Achromatopsia
6F6F6F

Achromatomaly
687270

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7873 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 #5D7873 looks like.

```
.text, #text, p{  
    color:#5D7873  
}
```

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 #5D7873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7873
}
```

Border

The CSS property to change the border of an element to Hex 5D7873 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
#5D7873 }
```

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

```
.border{ border-color:#5D7873 }
```

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

Here you see how a box with a 4 pixel #5D7873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7873; -webkit-box-shadow:4px 4px  
4px 4px #5D7873; box-shadow:4px 4px 4px  
4px #5D7873 }
```

Background

The CSS property to change the background color of an element to Hex 5D7873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7873 }
```

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

```
.background{ background-color:#5D7873 }
```

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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