

# Converting Colors

Hex(5D6878)

Have a look what the booklet for  
Hex(5D6878) contains.

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# Color

**Hex(5D6878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6878
RGB	93, 104, 120
RGB Percent	36%, 41%, 47%
CMY	0.6353, 0.5922, 0.5294
CMYK	0.22, 0.13, 0.00, 0.53
HSL	216°, 13%, 42%
HSV	216°, 23%, 47%
XYZ	12.8547, 13.5839, 19.7137
YIQ	102.5350, -11.6920, 2.6440

# Conversions

## Conversions Part 2

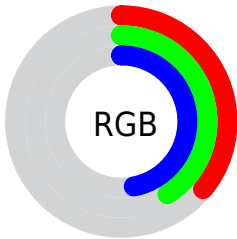
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	93, 101, 120
Decimal	6121592
CIE Lab	43.63, -0.37, -10.33
CIE LCh	44, 10.341, 267.924
Yxy	13.5839, 0.2785, 0.2943
Android (android.graphics.Color)	4284311672 (0xFF5D6878)
YUV	102.5350, 8.6102, -8.3622
Hunter-Lab	36.8563, -2.2415, -5.9137

# Details

The Hex color **5D6878** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786D5D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **909BAC**, and **2E3948** is the 20% darker color. If you saturate the color by 10%, you get **516178**, and if you desaturate by 10%, it is **696F78**.

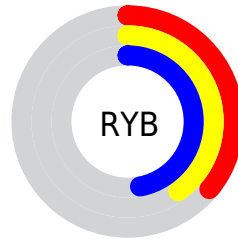
# Distribution



Red (36%)

Green (41%)

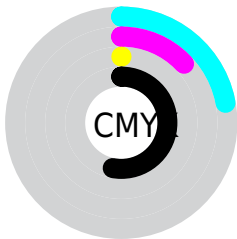
Blue (47%)



Red (36%)

Yellow (40%)

Blue (47%)

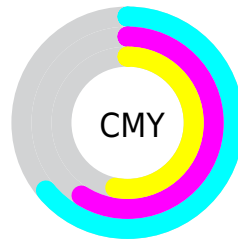


Cyan (22%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (64%)

Magenta (59%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D6878 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 5D6878 by changing the saturation by 10% instead.



■ 5D6878

■ 5D6878

FFFFFF

■ 45505F

■ 909BAC

■ 2E3948

■ AAB6C8

■ 192431

■ C6D1E4

■ 000E1C

■ E2EEFF

■ 000000

FEFFFF

■ 5D6878

■ 5D6878

■ 516178

■ 696F78

■ 455A78

■ 757678

■ 395378

■ 817D78

■ 2D4C78

■ 8D8478

■ 214478

■ 998C78

■ 153D78

■ A59378

■ 093678

■ B19A78

■ 003178

■ BDA178

■ C9A878

# Harmonies

## Analogous

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



546A75



5D6878



686576

# Triad

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



5D6878



79625F



5B6B5E

# Complementary

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



5D6878



786D5D

# 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.



656958



5D6878



766459

# Square

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



5D6878



786168



6F6656



546C66

# Rectangle

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



5D6878



6F6373



6F6656



5F6A5B



# Sweetspot

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



5D6878



91959C



5D786D



494B4F



CFCFCF



4F4F4F



# Same Dimension

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



5D6878



72839C



5F5D78



373A3D



00337D



0067FC



# Inverse Universe

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



785D68



9C7283



76785D



3D373A



7D0033

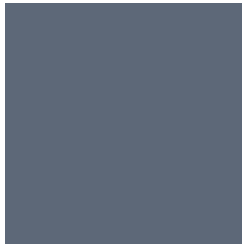


FC0067



# Previews

## White Background



This preview shows how the Hex color 5D6878 looks on a white background.

## Color Contrast Check

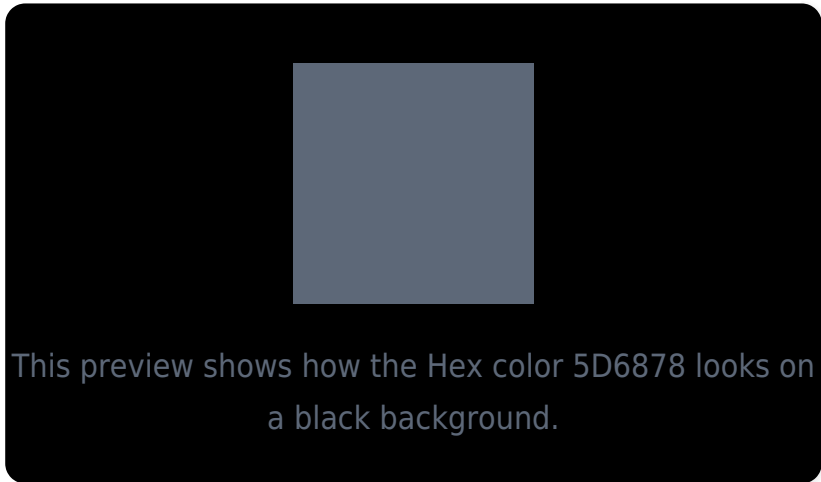
Large Text (above 18pt) WCAG AA ✓ Pass

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

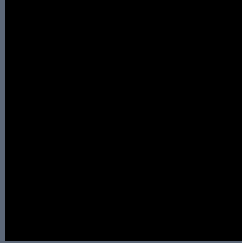
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

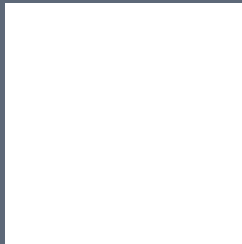
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D6878 Background



This preview shows how black text looks on a background with the Hex color 5D6878.



This preview shows how white text looks on a background with the Hex color 5D6878.

# 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](#).

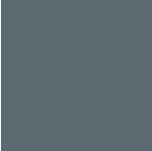
## Dichromacy



**Original Color**  
5D6878

**Protanopia**  
646677

**Deuteranopia**  
686479



**Tritanopia**  
5C6971

# Trichromacy



**Original Color**  
5D6878

**Protanomaly**  
616777

**Deuteranomaly**  
646579

**Tritanomaly**  
5C6974

# Monochromacy



**Original Color**  
5D6878

**Achromatopsia**  
676767

**Achromatomaly**  
63676D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D6878 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 #5D6878 looks like.

```
.text, #text, p{  
    color:#5D6878  
}
```

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 #5D6878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6878
}
```

## Border

The CSS property to change the border of an element to Hex 5D6878 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
#5D6878 }
```

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

```
.border{ border-color:#5D6878 }
```

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

Here you see how a box with a 4 pixel #5D6878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6878; -webkit-box-shadow:4px 4px  
4px 4px #5D6878; box-shadow:4px 4px 4px  
4px #5D6878 }
```

# Background

The CSS property to change the background color of an element to Hex 5D6878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6878 }
```

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

```
.background{ background-color:#5D6878 }
```

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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