

# Converting Colors

Hex(5D6481)

Have a look what the booklet for  
Hex(5D6481) contains.

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# Color

**Hex(5D6481)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6481
RGB	93, 100, 129
RGB Percent	36%, 39%, 51%
CMY	0.6353, 0.6078, 0.4941
CMYK	0.28, 0.22, 0.00, 0.49
HSL	228°, 16%, 44%
HSV	228°, 28%, 51%
XYZ	13.0338, 13.0265, 22.5963
YIQ	101.2130, -13.4810, 7.5350

# Conversions

## Conversions Part 2

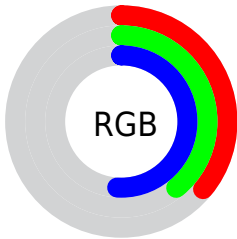
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 99, 129
Decimal	6120577
CIE Lab	42.80, 4.38, -17.03
CIE LCh	43, 17.579, 284.417
Yxy	13.0265, 0.2679, 0.2677
Android (android.graphics.Color)	4284310657 (0xFF5D6481)
YUV	101.2130, 13.6990, -7.2028
Hunter-Lab	36.0922, 1.2995, -11.8552

# Details


The Hex color **5D6481** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **817A5D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9097B6**, and **2E3650** is the 20% darker color. If you saturate the color by 10%, you get **505A81**, and if you desaturate by 10%, it is **6A6E81**.

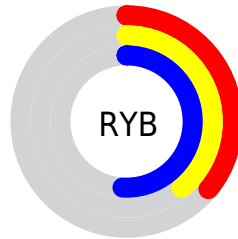
# Distribution



 Red (36%)

 Green (39%)

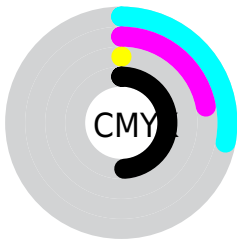
 Blue (51%)



 Red (36%)

 Yellow (39%)

 Blue (51%)

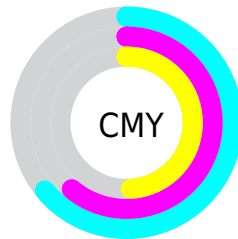


 Cyan (28%)


 Magenta (22%)

 Yellow (0%)

 Black (49%)



 Cyan (64%)

 Magenta (61%)

 Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D6481 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 5D6481 by changing the saturation by 10% instead.



■ 5D6481

■ 5D6481

FFFFFF

■ 454C68

■ 9097B6

■ 2E3650

■ ABB1D2

■ 172039

■ C6CDEE

■ 000923

■ E2E9FF

■ 00000B

■ 000000

■ 5D6481

■ 5D6481

■ 505A81

■ 6A6E81

■ 434F81

■ 777981

■ 364581

■ 848381

■ 293A81

■ 918E81

■ 1D3081

■ 9D9881

■ 102681

■ AAA281

■ 031B81

■ B7AD81

■ 001981

■ C4B781

■ D1C281

# Harmonies

## Analogous

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



496981



5D6481



705F7A

# Triad

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



5D6481



805D51



486D5D

# Complementary

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



5D6481



817A5D

# 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.



586A50



5D6481



776249

# Square

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



5D6481



835B5E



686649



3C6D6C

# Rectangle

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



5D6481



7A5C72



686649



4D6C58



# Sweetspot

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



5D6481



9B9DA8



5D817A



4C4D54



D4D4D4



545454



# Same Dimension

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



5D6481



717CA8



685D81



393B40



001980



000000



# Inverse Universe

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



815D64



A8717C



76815D



40393B



800019



000000



# Previews

## White Background



This preview shows how the Hex color 5D6481 looks on a white background.

## Color Contrast Check

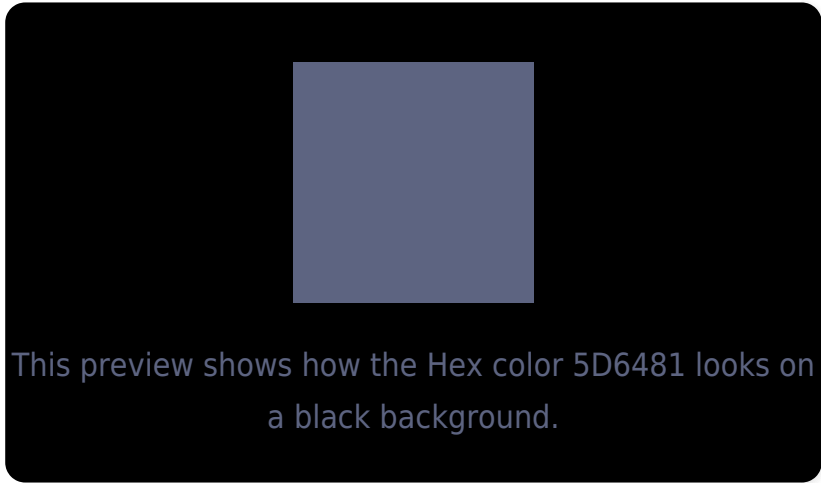
Large Text (above 18pt) WCAG AA ✓ Pass

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

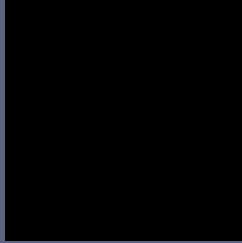
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

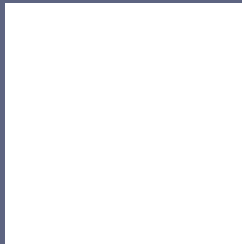
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D6481 Background



This preview shows how black text looks on a background with the Hex color 5D6481.

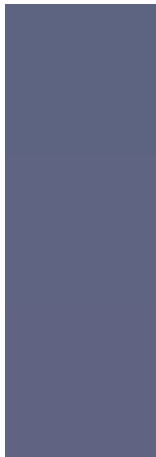


This preview shows how white text looks on a background with the Hex color 5D6481.

# 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](#).

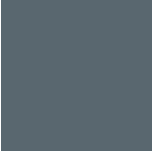
## Dichromacy



**Original Color**  
5D6481

**Protanopia**  
5E6481

**Deuteranopia**  
606381



**Tritanopia**  
59676F

# Trichromacy



**Original Color**  
5D6481

**Protanomaly**  
5E6481

**Deuteranomaly**  
5F6381

**Tritanomaly**  
5A6676

# Monochromacy



**Original Color**  
5D6481

**Achromatopsia**  
656565

**Achromatomaly**  
62656F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D6481 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 #5D6481 looks like.

```
.text, #text, p{  
    color:#5D6481  
}
```

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 #5D6481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6481
}
```

## Border

The CSS property to change the border of an element to Hex 5D6481 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
#5D6481 }
```

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

```
.border{ border-color:#5D6481 }
```

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

Here you see how a box with a 4 pixel #5D6481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6481; -webkit-box-shadow:4px 4px  
4px 4px #5D6481; box-shadow:4px 4px 4px  
4px #5D6481 }
```

# Background

The CSS property to change the background color of an element to Hex 5D6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6481 }
```

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

```
.background{ background-color:#5D6481 }
```

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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