

# Converting Colors

Hex(51626A)

Have a look what the booklet for  
Hex(51626A) contains.

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# Color

**Hex(51626A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	51626A
RGB	81, 98, 106
RGB Percent	32%, 38%, 42%
CMY	0.6824, 0.6157, 0.5843
CMYK	0.24, 0.08, 0.00, 0.58
HSL	199°, 13%, 37%
HSV	199°, 24%, 42%
XYZ	10.3625, 11.5253, 15.3141
YIQ	93.8290, -12.7000, -1.1160

# Conversions

## Conversions Part 2

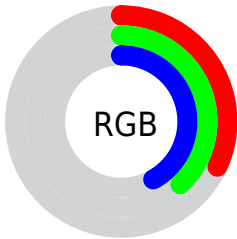
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 91, 106
Decimal	5333610
CIE Lab	40.45, -4.46, -6.68
CIE LCh	40, 8.034, 236.245
Yxy	11.5253, 0.2785, 0.3098
Android (android.graphics.Color)	4283523690 (0xFF51626A)
YUV	93.8290, 6.0003, -11.2510
Hunter-Lab	33.9489, -4.9255, -2.9810

# Details

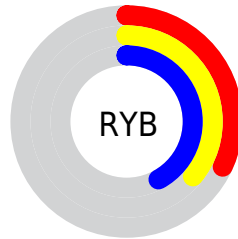
The Hex color **51626A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A5951**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **83959D**, and **23343B** is the 20% darker color. If you saturate the color by 10%, you get **465F6A**, and if you desaturate by 10%, it is **5C656A**.

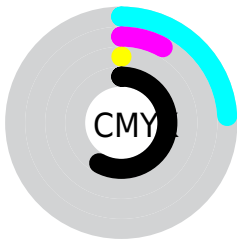
# Distribution



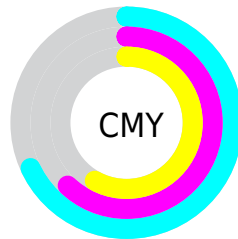
- Red (32%)
- Green (38%)
- Blue (42%)



- Red (32%)
- Yellow (36%)
- Blue (42%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (68%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51626A 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 51626A by changing the saturation by 10% instead.





51626A



51626A

FFFFFF



3A4A52



83959D



23343B



9DAFB8



0E1F25



B8CBD4



000411



D4E7F0



000000



F0FFFF



51626A



51626A



465F6A



5C656A



3C5B6A



66696A

■ 31586A

■ 716C6A

■ 27546A

■ 7B706A

■ 1C516A

■ 86736A

■ 114E6A

■ 91766A

■ 074A6A

■ 9B7A6A

■ 00486A

■ A67D6A

■ B0816A

# Harmonies

## Analogous

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



4F6365



51626A



57606C

# Triad

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



51626A



6C5B60



5E6154

# Complementary

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



51626A



6A5951

# 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.



665F52



51626A



6D5B5A

# Square

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



51626A



675C67



6B5D55



576258

# Rectangle

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



51626A



5D5F6C



6B5D55



616053



# Sweetspot

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



51626A



80878A



516A59



3F4345



C4C4C4



454545



# Same Dimension

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



51626A



637D8A



51566A



303436



005075



00A6F5



# Inverse Universe

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



6A5162



8A637D



6A6551



363034



750050



F500A6



# Previews

## White Background



This preview shows how the Hex color 51626A looks on a white background.

## Color Contrast Check

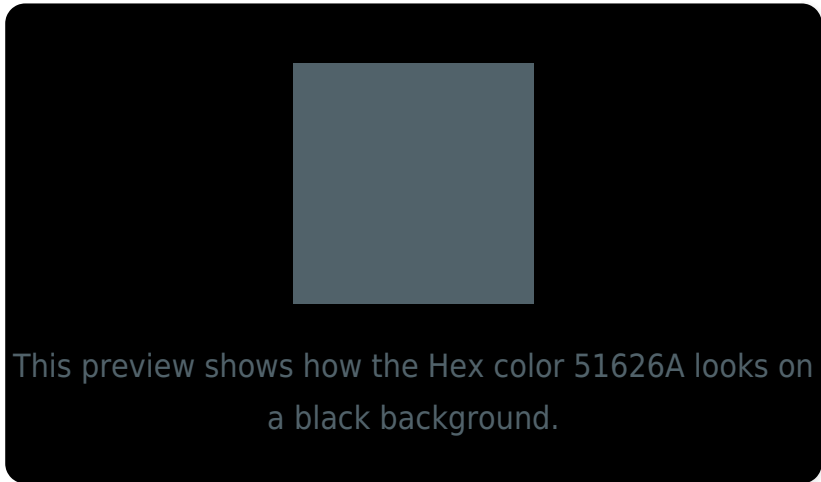
Large Text (above 18pt) WCAG AA ✓ Pass

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

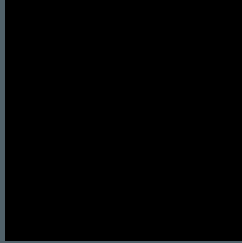
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 51626A Background



This preview shows how black text looks on a background with the Hex color 51626A.



This preview shows how white text looks on a background with the Hex color 51626A.

# 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](#).

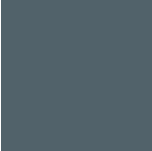
## Dichromacy



**Original Color**  
51626A

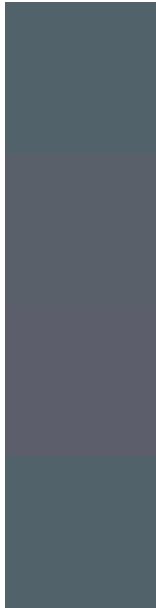
**Protanopia**  
5E5F68

**Deuteranopia**  
635D6B



**Tritanopia**  
51626A

# Trichromacy



**Original Color**  
51626A

**Protanomaly**  
596069

**Deuteranomaly**  
5C5F6B

**Tritanomaly**  
51626A

# Monochromacy



**Original Color**  
51626A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
595F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51626A 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 #51626A looks like.

```
.text, #text, p{  
    color:#51626A  
}
```

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 #51626A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51626A
}
```

## Border

The CSS property to change the border of an element to Hex 51626A is called "border". The border property can be set on classes, ids or directly on the HTML element.

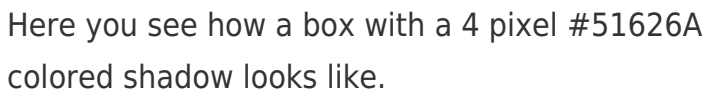
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51626A }
```

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

```
.border{ border-color:#51626A }
```

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



Here you see how a box with a 4 pixel #51626A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51626A; -webkit-box-shadow:4px 4px  
4px 4px #51626A; box-shadow:4px 4px 4px  
4px #51626A }
```

# Background

The CSS property to change the background color of an element to Hex 51626A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51626A }
```

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

```
.background{ background-color:#51626A }
```

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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