

Converting Colors

Hex(51606D)

Have a look what the booklet for
Hex(51606D) contains.

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Color

Hex(51606D)

Conversions

Conversions Part 1

Format	Color
Hex	51606D
RGB	81, 96, 109
RGB Percent	32%, 38%, 43%
CMY	0.6824, 0.6235, 0.5725
CMYK	0.26, 0.12, 0.00, 0.57
HSL	208°, 15%, 37%
HSV	208°, 26%, 43%
XYZ	10.3365, 11.2192, 16.0887
YIQ	92.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

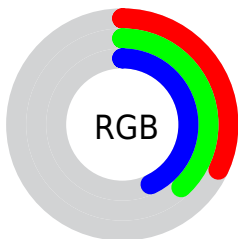
Format	Color
R_YB	81, 91, 109
Decimal	5333101
CIE _{Lab}	39.95, -2.49, -9.27
CIE _{LCh}	40, 9.602, 254.968
Yxy	11.2192, 0.2746, 0.2980
Android (android.graphics.Color)	4283523181 (0xFF51606D)
YUV	92.9970, 7.8895, -10.5214
Hunter-Lab	33.4951, -3.5316, -5.0323

Details

The Hex color **51606D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D5E51**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8392A0**, and **23323E** is the 20% darker color. If you saturate the color by 10%, you get **465B6D**, and if you desaturate by 10%, it is **5C656D**.

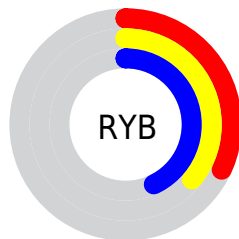
Distribution



Red (32%)

Green (38%)

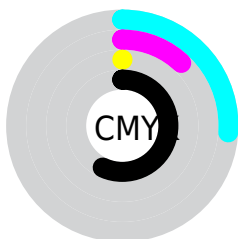
Blue (43%)



Red (32%)

Yellow (36%)

Blue (43%)

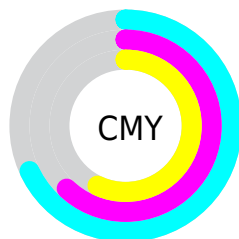


Cyan (26%)

Magenta (12%)

Yellow (0%)

Black (57%)



Cyan (68%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51606D 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 51606D by changing the saturation by 10% instead.

■ 51606D

■ 51606D

FFFFFF

■ 3A4855

■ 8392A0

■ 23323E

■ 9DADBB

■ 0E1D28

■ B8C8D7

■ 000114

■ D4E4F4

■ 000000

■ F0FFFF

■ 51606D

■ 51606D

■ 465B6D

■ 5C656D

■ 3B566D

■ 676A6D

■ 30516D

■ 726F6D

■ 254C6D

■ 7D746D

■ 1A476D

■ 88796D

■ 10426D

■ 927E6D

■ 053D6D

■ 9D836D

■ 003A6D

■ A8886D

■ B38E6D

Harmonies

Analogous

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



4B6269



51606D



5B5D6D

Triad

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



51606D



6F595A



576153

Complementary

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



51606D



6D5E51

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.



605F4F



51606D



6D5A53

Square

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



51606D



6C5962



685C4F



4F625A

Rectangle

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



51606D



615C6B



685C4F



5A6051

Sweetspot

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



51606D



83898F



516D5E



404447



C7C7C7



474747

Same Dimension

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



51606D



637A8F



51526D



303336



003F75



0083F5

Inverse Universe

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



6D5160



8F637A



6D6C51



363033



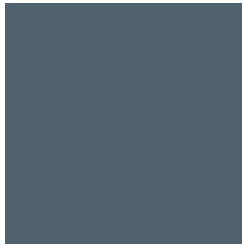
75003F



F50083

Previews

White Background



This preview shows how the Hex color 51606D looks on a white background.

Color Contrast Check

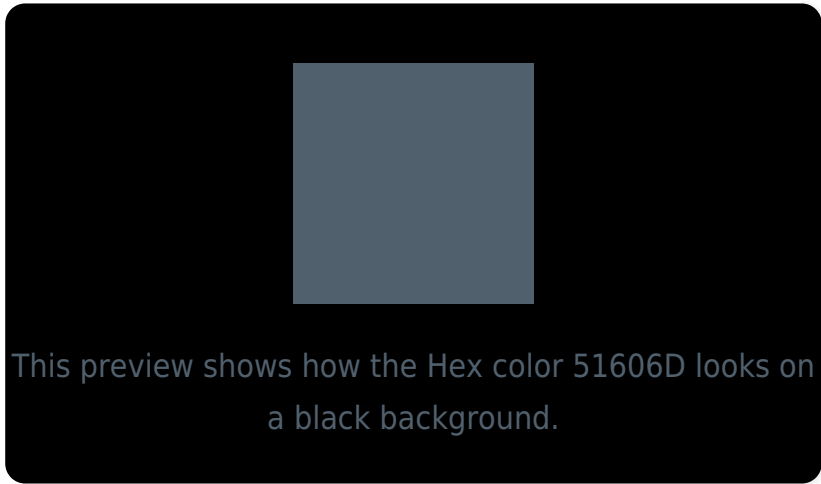
Large Text (above 18pt) WCAG AA ✓ Pass

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

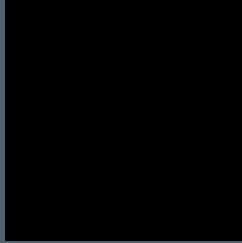
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

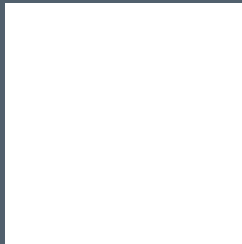
Any Text WCAG AAA × Fail

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

Hex 51606D Background



This preview shows how black text looks on a background with the Hex color 51606D.

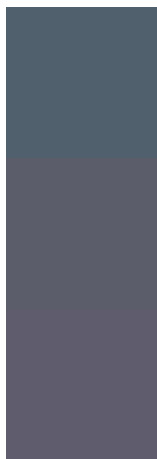


This preview shows how white text looks on a background with the Hex color 51606D.

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

51606D

Protanopia

5C5D6B

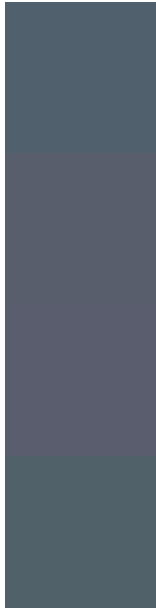
Deuteranopia

5F5C6E



Tritanopia
506168

Trichromacy



Original Color
51606D

Protanomaly
585E6C

Deuteranomaly
5A5D6E

Tritanomaly
50616A

Monochromacy



Original Color
51606D

Achromatopsia
5D5D5D

Achromatomaly
595E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 51606D 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 #51606D looks like.

```
.text, #text, p{  
    color:#51606D  
}
```

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 #51606D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51606D
}
```

Border

The CSS property to change the border of an element to Hex 51606D 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
#51606D }
```

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

```
.border{ border-color:#51606D }
```

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

Here you see how a box with a 4 pixel #51606D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51606D; -webkit-box-shadow:4px 4px  
4px 4px #51606D; box-shadow:4px 4px 4px  
4px #51606D }
```

Background

The CSS property to change the background color of an element to Hex 51606D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51606D }
```

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

```
.background{ background-color:#51606D }
```

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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