

Converting Colors

Hex(51636B)

Have a look what the booklet for
Hex(51636B) contains.

Hex(51636B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(51636B)

Conversions

Conversions Part 1

Format	Color
Hex	51636B
RGB	81, 99, 107
RGB Percent	32%, 39%, 42%
CMY	0.6824, 0.6118, 0.5804
CMYK	0.24, 0.07, 0.00, 0.58
HSL	198°, 14%, 37%
HSV	198°, 24%, 42%
XYZ	10.5090, 11.7345, 15.6210
YIQ	94.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

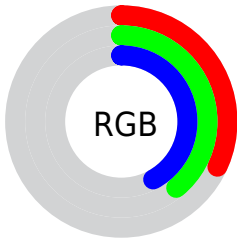
Format	Color
R_{YB}	81, 92, 107
Decimal	5333867
CIE _{Lab}	40.79, -4.81, -6.78
CIE _{LCh}	41, 8.315, 234.678
Yxy	11.7345, 0.2775, 0.3099
Android (android.graphics.Color)	4283523947 (0xFF51636B)
YUV	94.5300, 6.1477, -11.8658
Hunter-Lab	34.2557, -5.1870, -3.0580

Details

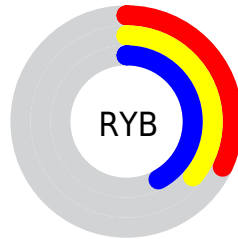
The Hex color **51636B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B5951**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **83969E**, and **23353C** is the 20% darker color. If you saturate the color by 10%, you get **46606B**, and if you desaturate by 10%, it is **5C666B**.

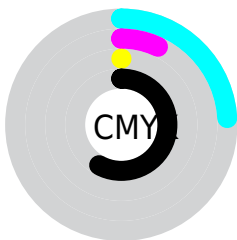
Distribution



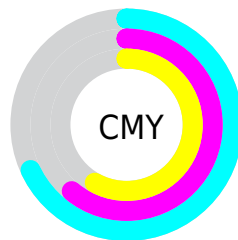
- Red (32%)
- Green (39%)
- Blue (42%)



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



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (68%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51636B 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 51636B by changing the saturation by 10% instead.

■ 51636B

■ 51636B

FFFFFF

■ 3A4B53

■ 83969E

■ 23353C

■ 9DB0B9

■ 0E1F26

■ B8CCD5

■ 000612

■ D4E8F1

■ 000000

■ F0FFFF

■ 51636B

■ 51636B

■ 46606B

■ 5C666B

■ 3C5C6B

■ 666A6B

■ 31596B

■ 716D6B

■ 26566B

■ 7C706B

■ 1B536B

■ 87736B

■ 114F6B

■ 91776B

■ 064C6B

■ 9C7A6B

■ 004A6B

■ A77D6B

■ B1816B

Harmonies

Analogous

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



4F6466



51636B



57616E

Triad

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



51636B



6D5C62



606154

Complementary

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



51636B



6B5951

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.



675F53



51636B



6F5C5B

Square

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



51636B



685D68



6C5D55



586358

Rectangle

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



51636B



5D606D



6C5D55



626153

Sweetspot

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



51636B



82898C



516B59



424647



C7C7C7



474747

Same Dimension

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



51636B



64808C



51566B



303436



005175



00A9F5

Inverse Universe

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



6B5163



8C6480



6B6651



363034



750051



F500A9

Previews

White Background



This preview shows how the Hex color 51636B looks on a white background.

Color Contrast Check

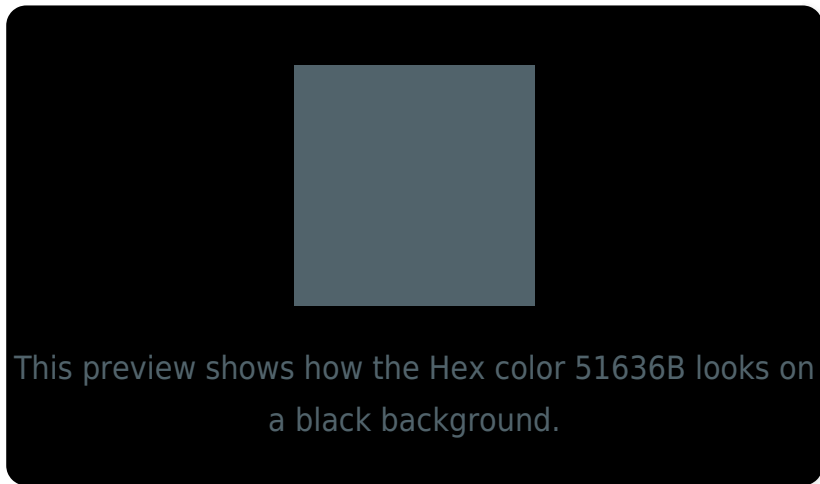
Large Text (above 18pt) WCAG AA ✓ Pass

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

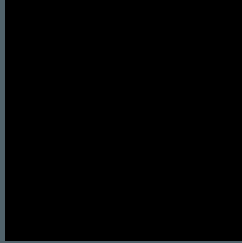
Any Text WCAG AA × Fail

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 51636B Background



This preview shows how black text looks on a background with the Hex color 51636B.



This preview shows how white text looks on a background with the Hex color 51636B.

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
51636B

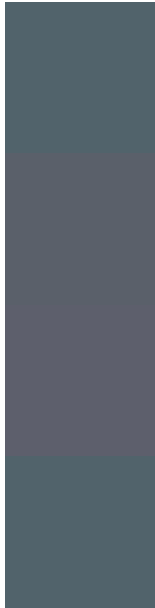
Protanopia
5F5F69

Deuteranopia
645D6C



Tritanopia
51636B

Trichromacy



Original Color
51636B

Protanomaly
5A606A

Deuteranomaly
5D5F6C

Tritanomaly
51636B

Monochromacy



Original Color
51636B

Achromatopsia
5F5F5F

Achromatomaly
5A6063

CSS Examples

Text

The CSS property to change the color of the text to Hex 51636B 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 #51636B looks like.

```
.text, #text, p{  
    color:#51636B  
}
```

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 #51636B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51636B
}
```

Border

The CSS property to change the border of an element to Hex 51636B 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
#51636B }
```

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

```
.border{ border-color:#51636B }
```

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

Here you see how a box with a 4 pixel #51636B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51636B; -webkit-box-shadow:4px 4px  
4px 4px #51636B; box-shadow:4px 4px 4px  
4px #51636B }
```

Background

The CSS property to change the background color of an element to Hex 51636B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51636B }
```

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

```
.background{ background-color:#51636B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor