

# Converting Colors

Hex(536865)

Have a look what the booklet for  
Hex(536865) contains.

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# Color

Hex(536865)

# Conversions

## Conversions Part 1

Format	Color
Hex	536865
RGB	83, 104, 101
RGB Percent	33%, 41%, 40%
CMY	0.6745, 0.5922, 0.6039
CMYK	0.20, 0.00, 0.03, 0.59
HSL	171°, 11%, 37%
HSV	171°, 20%, 41%
XYZ	10.8666, 12.6792, 14.1865
YIQ	97.3790, -11.5530, -5.3850

# Conversions

## Conversions Part 2

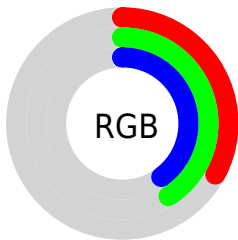
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 94, 104
Decimal	5466213
CIE Lab	42.28, -8.52, -0.92
CIE LCh	42, 8.565, 186.139
Yxy	12.6792, 0.2880, 0.3360
Android (android.graphics.Color)	4283656293 (0xFF536865)
YUV	97.3790, 1.7852, -12.6104
Hunter-Lab	35.6079, -7.8405, 1.3038

# Details

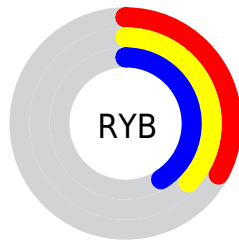
The Hex color **536865** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685356**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **859B98**, and **253936** is the 20% darker color. If you saturate the color by 10%, you get **496864**, and if you desaturate by 10%, it is **5D6866**.

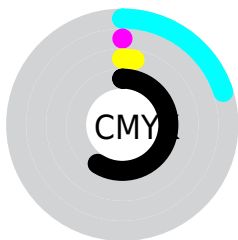
# Distribution



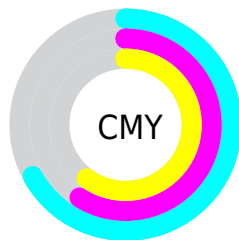
- Red (33%)
- Green (41%)
- Blue (40%)



- Red (33%)
- Yellow (37%)
- Blue (41%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (59%)



- Cyan (67%)
- Magenta (59%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 536865 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 536865 by changing the saturation by 10% instead.



■ 536865

■ 536865

FFFFFF

■ 3C504D

■ 859B98

■ 253936

■ 9FB6B3

■ 102321

■ BAD2CE

■ 000E0A

■ D6EEEA

■ 000000

■ F2FFFF

■ 536865

■ 536865

■ 496864

■ 5D6866

■ 3E6862

■ 686868

■ 346861

■ 726869

■ 29685F

■ 7D686B

■ 1F685E

■ 87686C

■ 15685C

■ 91686E

■ 0A685B

■ 9C686F

■ 006859

■ A66871

■ B16872

# Harmonies

## Analogous

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



58675E



536865



52686C

# Triad

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



536865



67626F



6F6157

# Complementary

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



536865



685356

# 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.



72605C



536865



6E606A

# Square

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



536865



5E6472



725F63



686456

# Rectangle

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



536865



54676F



725F63



706158



# Sweetspot

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



536865



7F8786



566853



404544



C4C4C4



454545



# Same Dimension

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



536865



678783



536168



2E3332



007362



00F2D0



# Inverse Universe

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



685356



87676B



685A53



332E2F



730010



F20023



# Previews

## White Background



This preview shows how the Hex color 536865 looks on a white background.

## Color Contrast Check

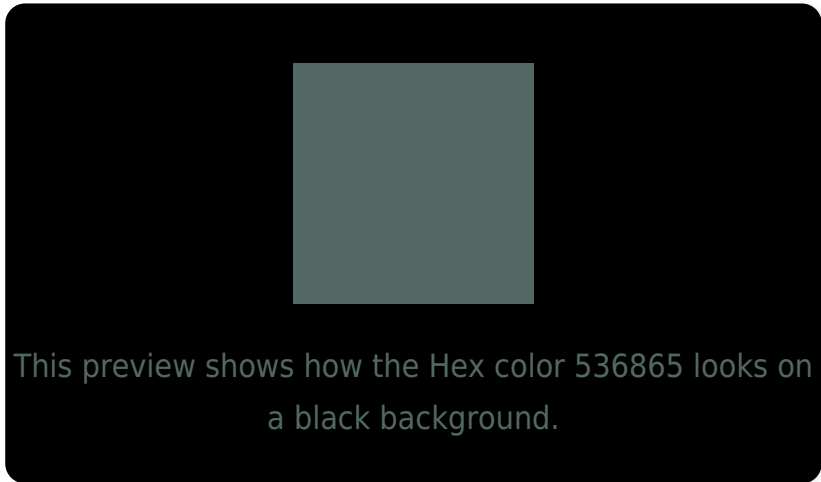
Large Text (above 18pt) WCAG AA ✓ Pass

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

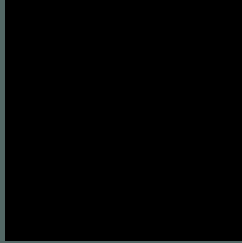
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 536865 Background



This preview shows how black text looks on a background with the Hex color 536865.

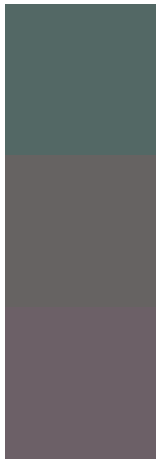


This preview shows how white text looks on a background with the Hex color 536865.

# 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](#).

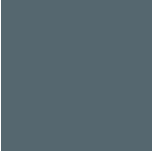
## Dichromacy



**Original Color**  
536865

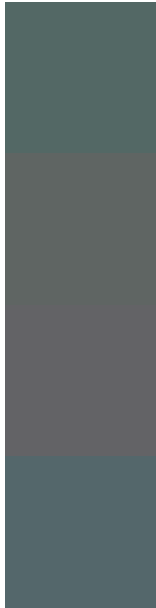
**Protanopia**  
666362

**Deuteranopia**  
6C6067



**Tritanopia**  
55676F

# Trichromacy



**Original Color**  
536865

**Protanomaly**  
5F6563

**Deuteranomaly**  
636366

**Tritanomaly**  
54676B

# Monochromacy



**Original Color**  
536865

**Achromatopsia**  
616161

**Achromatomaly**  
5C6462

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 536865 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 #536865 looks like.

```
.text, #text, p{  
    color:#536865  
}
```

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 #536865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536865
}
```

## Border

The CSS property to change the border of an element to Hex 536865 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
#536865 }
```

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

```
.border{ border-color:#536865 }
```

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

Here you see how a box with a 4 pixel #536865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536865; -webkit-box-shadow:4px 4px  
4px 4px #536865; box-shadow:4px 4px 4px  
4px #536865 }
```

# Background

The CSS property to change the background color of an element to Hex 536865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536865 }
```

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

```
.background{ background-color:#536865 }
```

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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