

# Converting Colors

Hex(516D6E)

Have a look what the booklet for  
Hex(516D6E) contains.

<b>Hex(516D6E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(516D6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	516D6E
RGB	81, 109, 110
RGB Percent	32%, 43%, 43%
CMY	0.6824, 0.5725, 0.5686
CMYK	0.26, 0.01, 0.00, 0.57
HSL	182°, 15%, 37%
HSV	182°, 26%, 43%
XYZ	11.6765, 13.8124, 16.8025
YIQ	100.7420, -17.0090, -5.6250

# Conversions

## Conversions Part 2

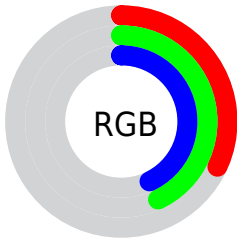
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 95, 110
Decimal	5336430
CIE <sub>Lab</sub>	43.96, -9.90, -3.89
CIE <sub>LCh</sub>	44, 10.639, 201.456
Yxy	13.8124, 0.2761, 0.3266
Android (android.graphics.Color)	4283526510 (0xFF516D6E)
YUV	100.7420, 4.5642, -17.3137
Hunter-Lab	37.1650, -8.9580, -0.7898

# Details

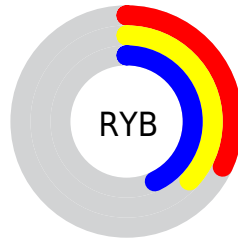
The Hex color **516D6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E5251**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **83A1A2**, and **233D3F** is the 20% darker color. If you saturate the color by 10%, you get **466D6E**, and if you desaturate by 10%, it is **5C6D6E**.

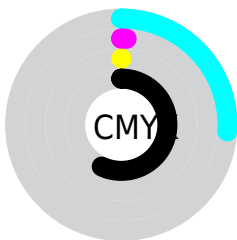
# Distribution



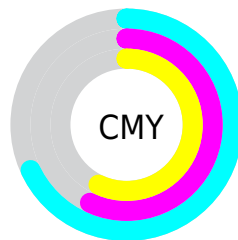
- Red (32%)
- Green (43%)
- Blue (43%)



- Red (32%)
- Yellow (37%)
- Blue (43%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (57%)



- Cyan (68%)
- Magenta (57%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 516D6E 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 516D6E by changing the saturation by 10% instead.



 516D6E

 516D6E

FFFFFF

 395556

 83A1A2

 233D3F

 9EBCBD

 0C2829

 B9D7D8

 001414

 D4F4F5

 000000

 F1FFFF

 516D6E

 516D6E

 466D6E

 5C6D6E

 3B6C6E

 676E6E

■ 306C6E

■ 726E6E

■ 256B6E

■ 7D6F6E

■ 1A6B6E

■ 886F6E

■ 0F6B6E

■ 936F6E

■ 046A6E

■ 9E706E

■ 006A6E

■ A9706E

■ B4706E

# Harmonies

## Analogous

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



556D65



516D6E



536C75

# Triad

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



516D6E



716473



716657

# Complementary

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



516D6E



6E5251

# 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.



78645A



516D6E



78626B

# Square

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



516D6E



666778



7B6262



686957

# Rectangle

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



516D6E



586A78



7B6262



746557



# Sweetspot

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



516D6E



838E8F



516E52



404747



C7C7C7



474747



# Same Dimension

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



516D6E



618D8F



515F6E



323838



007478



00EFF7



# Inverse Universe

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



6E516D



8F618D



6E6051



383238



780074



F700EF



# Previews

## White Background



This preview shows how the Hex color 516D6E looks on a white background.

## Color Contrast Check

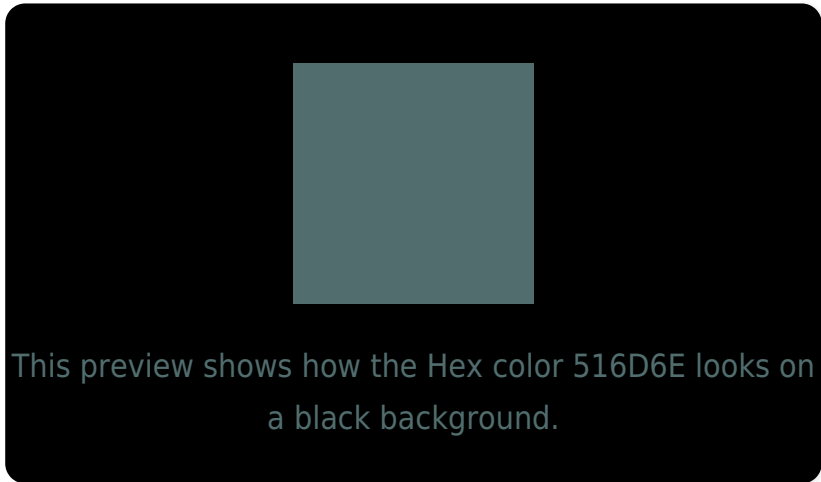
Large Text (above 18pt) WCAG AA ✓ Pass

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

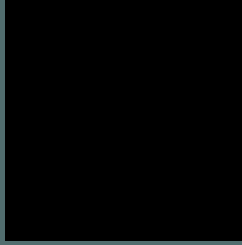
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

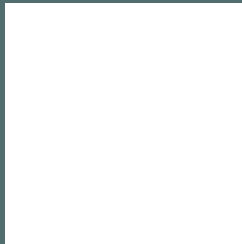
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 516D6E Background



This preview shows how black text looks on a background with the Hex color 516D6E.



This preview shows how white text looks on a background with the Hex color 516D6E.

# 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**  
516D6E

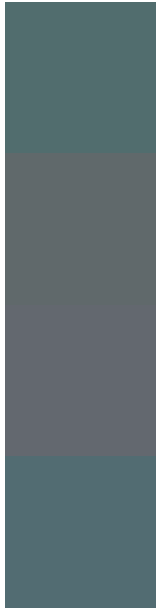
**Protanopia**  
69676A

**Deuteranopia**  
6E6570



**Tritanopia**  
526C75

# Trichromacy



**Original Color**  
516D6E

**Protanomaly**  
60696B

**Deuteranomaly**  
63686F

**Tritanomaly**  
526C72

# Monochromacy



**Original Color**  
516D6E

**Achromatopsia**  
656565

**Achromatomaly**  
5E6868

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 516D6E 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 #516D6E looks like.

```
.text, #text, p{  
    color:#516D6E  
}
```

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 #516D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516D6E
}
```

## Border

The CSS property to change the border of an element to Hex 516D6E 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
#516D6E }
```

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

```
.border{ border-color:#516D6E }
```

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

Here you see how a box with a 4 pixel #516D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516D6E; -webkit-box-shadow:4px 4px  
4px 4px #516D6E; box-shadow:4px 4px 4px  
4px #516D6E }
```

# Background

The CSS property to change the background color of an element to Hex 516D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516D6E }
```

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

```
.background{ background-color:#516D6E }
```

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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