

# Converting Colors

Hex(515F77)

Have a look what the booklet for  
Hex(515F77) contains.

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# Color

**Hex(515F77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	515F77
RGB	81, 95, 119
RGB Percent	32%, 37%, 47%
CMY	0.6824, 0.6275, 0.5333
CMYK	0.32, 0.20, 0.00, 0.53
HSL	218°, 19%, 39%
HSV	218°, 32%, 47%
XYZ	10.8153, 11.2657, 19.0572
YIQ	93.5500, -16.0480, 4.4960

# Conversions

## Conversions Part 2

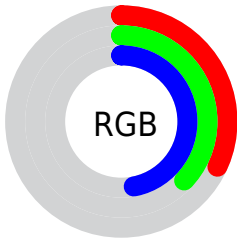
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 91, 119
Decimal	5332855
CIE <sub>Lab</sub>	40.02, 0.81, -15.28
CIE <sub>LCh</sub>	40, 15.302, 273.022
Yxy	11.2657, 0.2629, 0.2738
Android (android.graphics.Color)	4283522935 (0xFF515F77)
YUV	93.5500, 12.5469, -11.0063
Hunter-Lab	33.5644, -1.2202, -10.1687

# Details

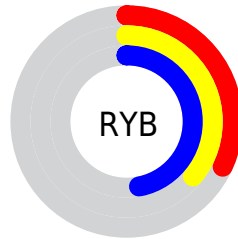
The Hex color **515F77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776951**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8391AB**, and **223147** is the 20% darker color. If you saturate the color by 10%, you get **455777**, and if you desaturate by 10%, it is **5D6777**.

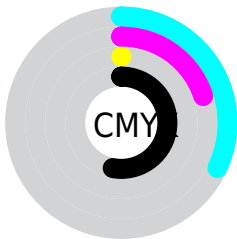
# Distribution



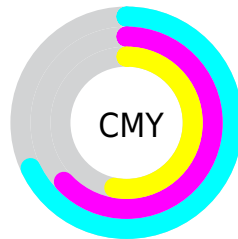
- Red (32%)
- Green (37%)
- Blue (47%)



- Red (32%)
- Yellow (36%)
- Blue (47%)



- Cyan (32%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)



- Cyan (68%)
- Magenta (63%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 515F77 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 515F77 by changing the saturation by 10% instead.



■ 515F77

■ 515F77

FFFFFF

■ 39475E

■ 8391AB

■ 223147

■ 9EACC7

■ 0B1C30

■ B9C7E3

■ 00011C

■ D5E3FF

■ 000000

■ F1FFFF

■ 515F77

■ 515F77

■ 455777

■ 5D6777

■ 395077

■ 696E77

■ 2D4877

■ 757677

■ 214177

■ 817D77

■ 163977

■ 8C8577

■ 0A3277

■ 988C77

■ 002C77

■ A49477

■ B09B77

■ BCA377

# Harmonies

## Analogous

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



426374



515F77



625B73

# Triad

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



515F77



775651



4A6453

# Complementary

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



515F77



776951

# 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.



596249



515F77



715A48

# Square

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



515F77



77555D



665E45



3F655F

# Rectangle

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



515F77



6C586D



665E45



4F644F



# Sweetspot

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



515F77



8C929C



517768



46494F



CFCFCF



4F4F4F



# Same Dimension

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



515F77



60769C



555177



35373B



002D7A



005CFA



# Inverse Universe

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



77515F



9C6076



737751



3B3537



7A002D



FA005C



# Previews

## White Background



This preview shows how the Hex color 515F77 looks on a white background.

## Color Contrast Check

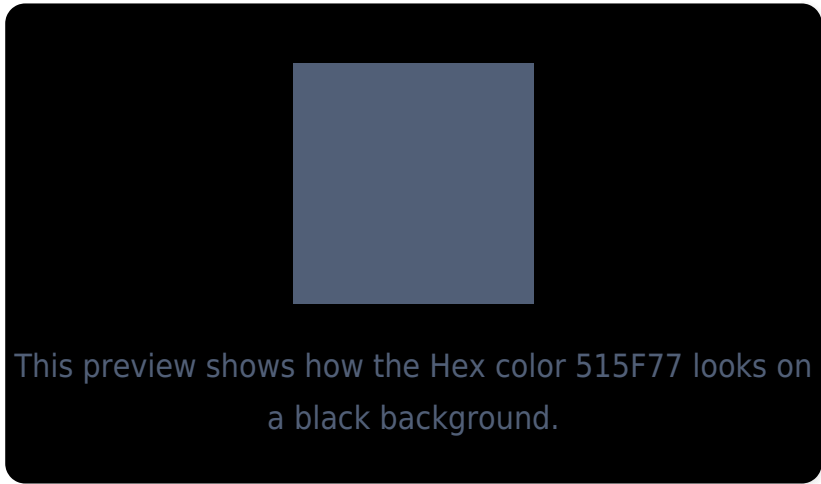
Large Text (above 18pt) WCAG AA ✓ Pass

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

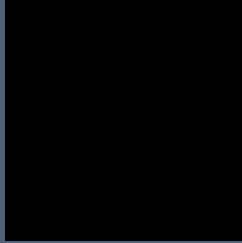
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

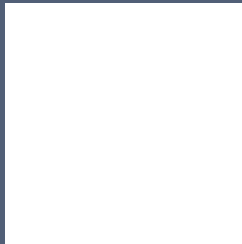
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 515F77 Background



This preview shows how black text looks on a background with the Hex color 515F77.

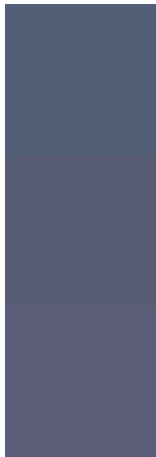


This preview shows how white text looks on a background with the Hex color 515F77.

# 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**  
515F77

**Protanopia**  
585D76

**Deuteranopia**  
5A5C78



**Tritanopia**  
4E6169

# Trichromacy



**Original Color**  
515F77

**Protanomaly**  
555E76

**Deuteranomaly**  
575D78

**Tritanomaly**  
4F606E

# Monochromacy



**Original Color**  
515F77

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
595E67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515F77 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 #515F77 looks like.

```
.text, #text, p{  
    color:#515F77  
}
```

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 #515F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515F77
}
```

## Border

The CSS property to change the border of an element to Hex 515F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

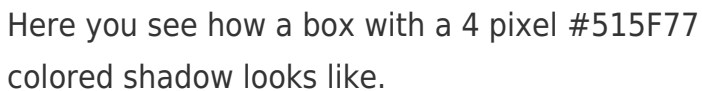
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515F77 }
```

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

```
.border{ border-color:#515F77 }
```

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



Here you see how a box with a 4 pixel #515F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515F77; -webkit-box-shadow:4px 4px  
4px 4px #515F77; box-shadow:4px 4px 4px  
4px #515F77 }
```

# Background

The CSS property to change the background color of an element to Hex 515F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515F77 }
```

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

```
.background{ background-color:#515F77 }
```

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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