

# Converting Colors

Hex(535579)

Have a look what the booklet for  
Hex(535579) contains.

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# Color

**Hex(535579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	535579
RGB	83, 85, 121
RGB Percent	33%, 33%, 47%
CMY	0.6745, 0.6667, 0.5255
CMYK	0.31, 0.30, 0.00, 0.53
HSL	237°, 19%, 40%
HSV	237°, 31%, 47%
XYZ	10.2670, 9.7165, 19.4235
YIQ	88.5060, -12.7480, 10.7720

# Conversions

## Conversions Part 2

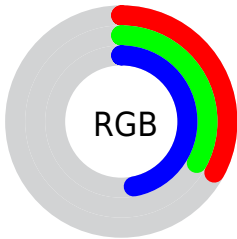
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 85, 121
Decimal	5461369
CIE <sub>Lab</sub>	37.33, 8.26, -20.64
CIE <sub>LCh</sub>	37, 22.232, 291.810
Yxy	9.7165, 0.2605, 0.2466
Android (android.graphics.Color)	4283651449 (0xFF535579)
YUV	88.5060, 16.0195, -4.8288
Hunter-Lab	31.1713, 4.2434, -15.1250

# Details

The Hex color **535579** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **797753**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8687AD**, and **242848** is the 20% darker color. If you saturate the color by 10%, you get **474A79**, and if you desaturate by 10%, it is **5F6079**.

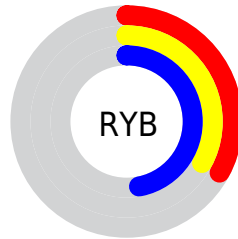
# Distribution



Red (33%)

Green (33%)

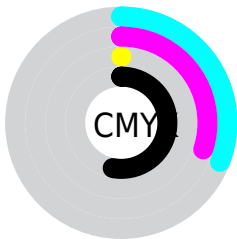
Blue (47%)



Red (33%)

Yellow (33%)

Blue (47%)

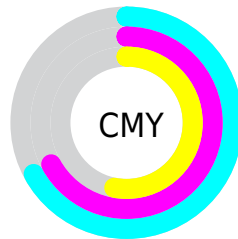


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (67%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 535579 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 535579 by changing the saturation by 10% instead.



■ 535579

■ 535579

FFFFFF

■ 3B3E60

■ 8687AD

■ 242848

■ A0A1C9

■ 0D1432

■ BBBCE5

■ 00021C

■ D7D7FF

■ 000000

■ F4F4FF

■ 535579

■ 535579

■ 474A79

■ 5F6079

■ 3B3E79

■ 6B6C79

■ 2F3379

■ 777779

■ 232779

■ 838379

■ 161C79

■ 908E79

■ 0A1079

■ 9C9A79

■ 000679

■ A8A579

■ B4B179

■ C0BC79

# Harmonies

## Analogous

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



365B7B



535579



6A4F6E

# Triad

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



535579



754F3C



2B6152

# Complementary

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



535579



797753

# 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.



425F41



535579



685534

# Square

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



535579



7B4B4B



575B36



166165

# Rectangle

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



535579



744B63



575B36



33614C



# Sweetspot

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



535579



90919E



537976



46474F



CFCFCF



4F4F4F



# Same Dimension

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



535579



62659E



635379



37373D



00077D



000DFC



# Inverse Universe

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



795355



9E6265



697953



3D3737



7D0007



FC000D



# Previews

## White Background



This preview shows how the Hex color 535579 looks on a white background.

## Color Contrast Check

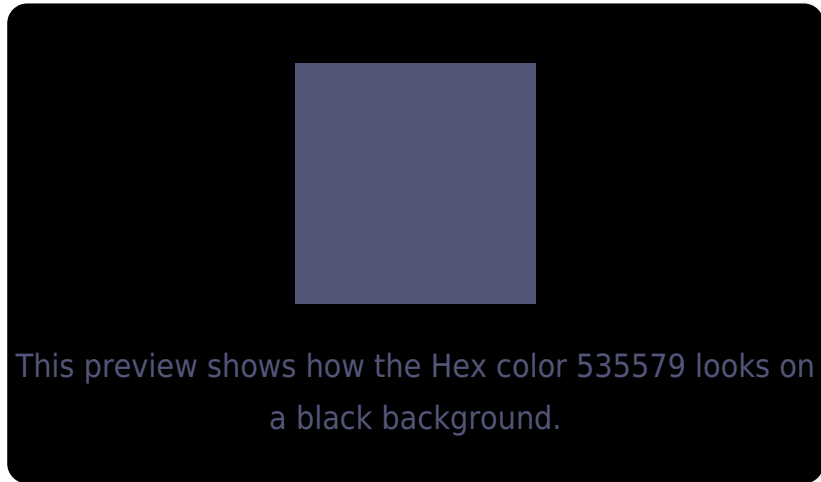
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

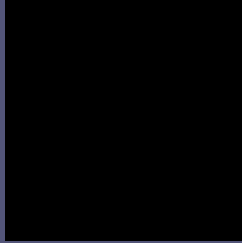
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 535579 Background



This preview shows how black text looks on a background with the Hex color 535579.



This preview shows how white text looks on a background with the Hex color 535579.

# 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](#).

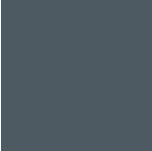
## Dichromacy



**Original Color**  
535579

**Protanopia**  
4D577A

**Deuteranopia**  
4D5779



**Tritanopia**  
4E5A61

# Trichromacy



**Original Color**  
535579

**Protanomaly**  
4F567A

**Deuteranomaly**  
4F5679

**Tritanomaly**  
50586A

# Monochromacy



**Original Color**  
535579

**Achromatopsia**  
595959

**Achromatomaly**  
575865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 535579 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 #535579 looks like.

```
.text, #text, p{  
    color:#535579  
}
```

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 #535579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535579
}
```

## Border

The CSS property to change the border of an element to Hex 535579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

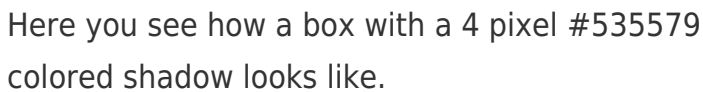
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535579 }
```

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

```
.border{ border-color:#535579 }
```

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



Here you see how a box with a 4 pixel #535579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535579; -webkit-box-shadow:4px 4px  
4px 4px #535579; box-shadow:4px 4px 4px  
4px #535579 }
```

# Background

The CSS property to change the background color of an element to Hex 535579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535579 }
```

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

```
.background{ background-color:#535579 }
```

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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