

# Converting Colors

Hex(515E89)

Have a look what the booklet for  
Hex(515E89) contains.

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# Color

**Hex(515E89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	515E89
RGB	81, 94, 137
RGB Percent	32%, 37%, 54%
CMY	0.6824, 0.6314, 0.4627
CMYK	0.41, 0.31, 0.00, 0.46
HSL	226°, 26%, 43%
HSV	226°, 41%, 54%
XYZ	11.9114, 11.5609, 25.2706
YIQ	95.0150, -21.5510, 10.6170

# Conversions

## Conversions Part 2

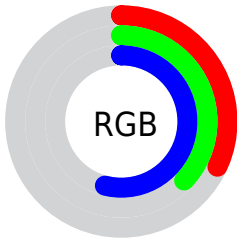
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 92, 137
Decimal	5332617
CIELab	40.51, 6.64, -25.48
CIELCh	41, 26.329, 284.604
Yxy	11.5609, 0.2444, 0.2372
Android (android.graphics.Color)	4283522697 (0xFF515E89)
YUV	95.0150, 20.6986, -12.2912
Hunter-Lab	34.0013, 3.0302, -20.2649

# Details

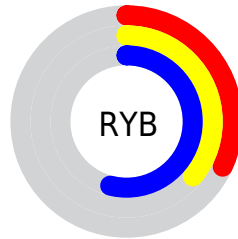
The Hex color **515E89** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **897C51**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8490BF**, and **1F3057** is the 20% darker color. If you saturate the color by 10%, you get **435389**, and if you desaturate by 10%, it is **5F6989**.

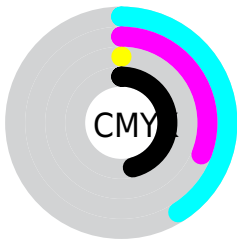
# Distribution



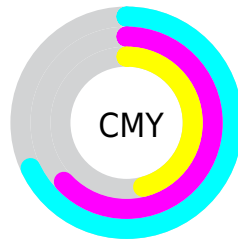
- Red (32%)
- Green (37%)
- Blue (54%)



- Red (32%)
- Yellow (36%)
- Blue (54%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (46%)



- Cyan (68%)
- Magenta (63%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 515E89 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 515E89 by changing the saturation by 10% instead.



■ 515E89

■ 515E89

FFFFFF

■ 38466F

■ 8490BF

■ 1F3057

■ 9FABDA

■ 021C3F

■ BBC6F7

■ 000029

■ D7E2FF

■ 000113

■ F4FEFF

■ 000000

■ 515E89

■ 515E89

■ 435389

■ 5F6989

■ 364989

■ 6C7389

■ 283E89

■ 7A7E89

■ 1A3489

■ 888889

■ 0D2989

■ 969389

■ 002089

■ A39D89

■ B1A889

■ BFB289

■ CCBD89

# Harmonies

## Analogous

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



2A6589



515E89



6F567E

# Triad

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



515E89



855342



2F6A53

# Complementary

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



515E89



897C51

# 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.



4B6740



515E89



775A36

# Square

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



515E89



894F56



636235



056B6A

# Rectangle

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



515E89



7D5172



636235



39694C



# Sweetspot

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



515E89



9DA2B3



51897C



4D5059



D9D9D9



595959



# Same Dimension

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



515E89



5B6FB3



605189



3E4045



001F85



000105



# Inverse Universe

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



89515E



B35B6F



7A8951



453E40



85001F

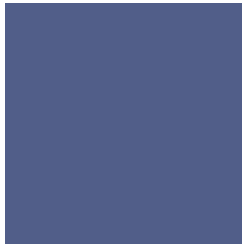


050001



# Previews

## White Background



This preview shows how the Hex color 515E89 looks on a white background.

## Color Contrast Check

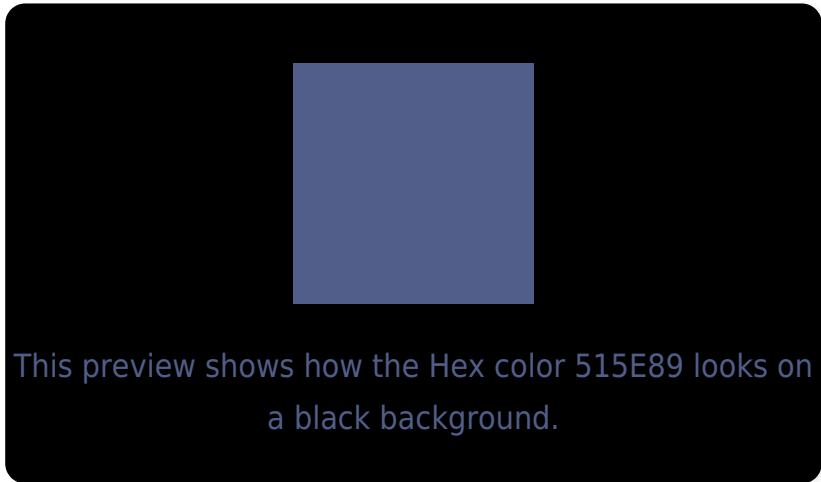
Large Text (above 18pt) WCAG AA ✓ Pass

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

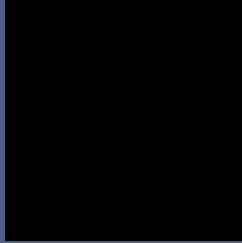
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

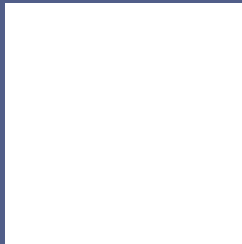
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 515E89 Background



This preview shows how black text looks on a background with the Hex color 515E89.

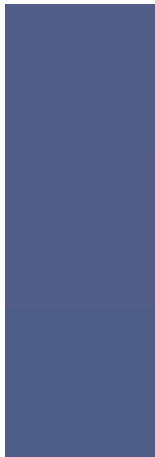


This preview shows how white text looks on a background with the Hex color 515E89.

# 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**  
515E89

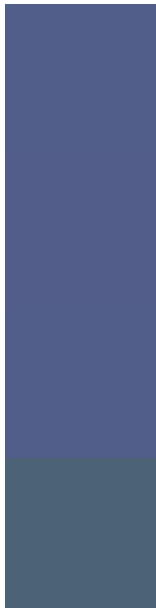
**Protanopia**  
525E89

**Deuteranopia**  
4F5E89



**Tritanopia**  
49646C

# Trichromacy



**Original Color**  
515E89

**Protanomaly**  
525E89

**Deuteranomaly**  
505E89

**Tritanomaly**  
4C6277

# Monochromacy



**Original Color**  
515E89

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5A5F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515E89 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 #515E89 looks like.

```
.text, #text, p{  
    color:#515E89  
}
```

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 #515E89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515E89
}
```

## Border

The CSS property to change the border of an element to Hex 515E89 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
#515E89 }
```

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

```
.border{ border-color:#515E89 }
```

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

Here you see how a box with a 4 pixel #515E89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515E89; -webkit-box-shadow:4px 4px  
4px 4px #515E89; box-shadow:4px 4px 4px  
4px #515E89 }
```

# Background

The CSS property to change the background color of an element to Hex 515E89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515E89 }
```

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

```
.background{ background-color:#515E89 }
```

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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