

# Converting Colors

Hex(537EA5)

Have a look what the booklet for  
Hex(537EA5) contains.

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# Color

Hex(537EA5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	537EA5
RGB	83, 126, 165
RGB Percent	33%, 49%, 65%
CMY	0.6745, 0.5059, 0.3529
CMYK	0.50, 0.24, 0.00, 0.35
HSL	209°, 33%, 49%
HSV	209°, 50%, 65%
XYZ	17.8197, 19.4773, 38.4176
YIQ	117.5890, -38.1470, 3.0130

# Conversions

## Conversions Part 2

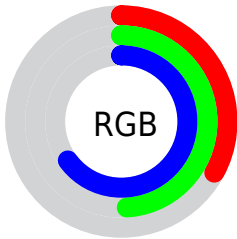
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 111, 165
Decimal	5471909
CIE <sub>Lab</sub>	51.24, -3.66, -25.39
CIE <sub>LCh</sub>	51, 25.655, 261.793
Yxy	19.4773, 0.2354, 0.2572
Android (android.graphics.Color)	4283661989 (0xFF537EA5)
YUV	117.5890, 23.3736, -30.3346
Hunter-Lab	44.1331, -5.1599, -20.7184

# Details

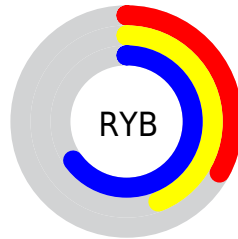
The Hex color **537EA5** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A57A53**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **89B3DC**, and **1A4D71** is the 20% darker color. If you saturate the color by 10%, you get **4276A5**, and if you desaturate by 10%, it is **6386A5**.

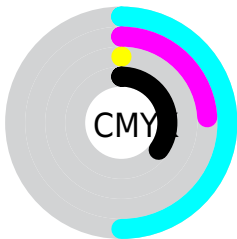
# Distribution



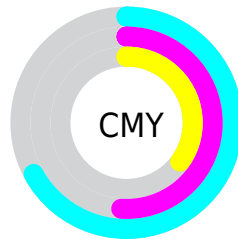
- Red (33%)
- Green (49%)
- Blue (65%)



- Red (33%)
- Yellow (44%)
- Blue (65%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (51%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537EA5 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 537EA5 by changing the saturation by 10% instead.





537EA5



537EA5

FFFFFF



38658B



89B3DC



1A4D71



A4CEF9



003758



C1EAFF



002141



DDFFFF



000A2B



FAFFFF



000115



000000



537EA5



537EA5



4276A5



6386A5

■ 326EA5

■ 748EA5

■ 2166A5

■ 8496A5

■ 115FA5

■ 959DA5

■ 0057A5

■ A5A5A5

■ B6ADA5

■ C6B5A5

■ D7BDA5

■ E7C5A5

# Harmonies

## Analogous

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



35839C



537EA5



7577A3

# Triad

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



537EA5



A66A6B



60835E

# Complementary

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



537EA5



A57A53

# 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.



797E51



537EA5



9F6F59

# Square

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



537EA5



A16A81



8F774F



458673

# Rectangle

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



537EA5



88719B



8F774F



688159



# Sweetspot

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



537EA5



B6C7D6



53A579



58626B



EBEBEB



6B6B6B



# Same Dimension

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



537EA5



5699D6



5356A5



494E52



004C91



000912



# Inverse Universe

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



A5537E



D65699



A5A253



52494E



91004C



120009



# Previews

## White Background



This preview shows how the Hex color 537EA5 looks on a white background.

## Color Contrast Check

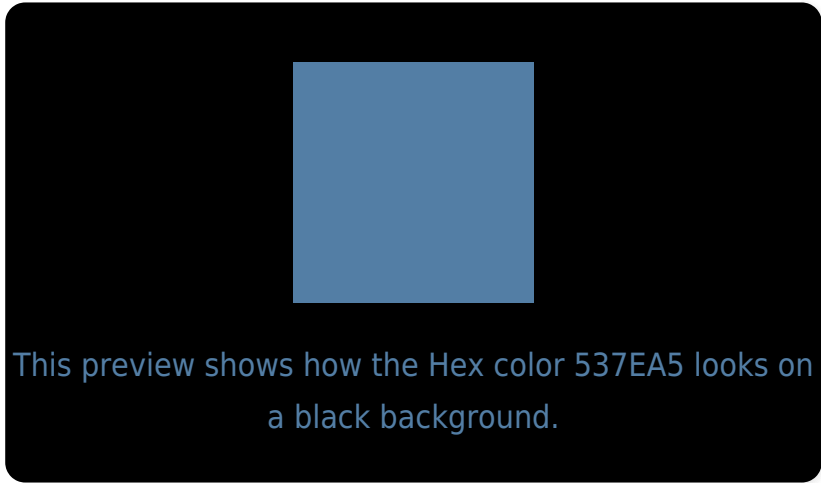
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

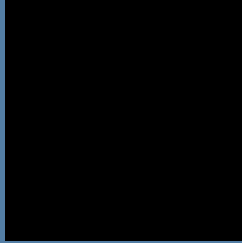
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

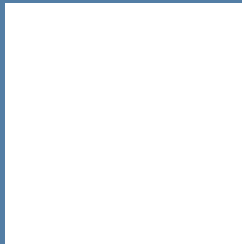
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 537EA5 Background



This preview shows how black text looks on a background with the Hex color 537EA5.

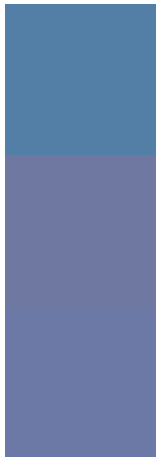


This preview shows how white text looks on a background with the Hex color 537EA5.

# 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**  
537EA5

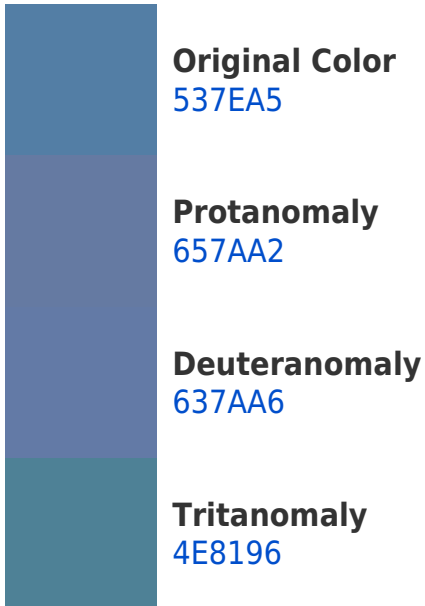
**Protanopia**  
6F78A1

**Deuteranopia**  
6C78A6



**Tritanopia**  
4B828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537EA5 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 #537EA5 looks like.

```
.text, #text, p{  
    color:#537EA5  
}
```

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 #537EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537EA5
}
```

## Border

The CSS property to change the border of an element to Hex 537EA5 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
#537EA5 }
```

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

```
.border{ border-color:#537EA5 }
```

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

Here you see how a box with a 4 pixel #537EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537EA5; -webkit-box-shadow:4px 4px  
4px 4px #537EA5; box-shadow:4px 4px 4px  
4px #537EA5 }
```

# Background

The CSS property to change the background color of an element to Hex 537EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537EA5 }
```

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

```
.background{ background-color:#537EA5 }
```

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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