

# Converting Colors

Hex(5D9FA5)

Have a look what the booklet for  
Hex(5D9FA5) contains.

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# Color

**Hex(5D9FA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D9FA5
RGB	93, 159, 165
RGB Percent	36%, 62%, 65%
CMY	0.6353, 0.3765, 0.3529
CMYK	0.44, 0.04, 0.00, 0.35
HSL	185°, 29%, 51%
HSV	185°, 44%, 65%
XYZ	23.7039, 29.8400, 40.1077
YIQ	139.9500, -41.2620, -12.1260

# Conversions

## Conversions Part 2

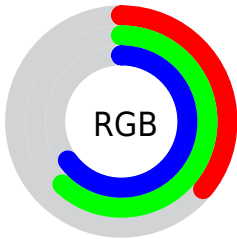
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	93, 127, 165
Decimal	6135717
CIE Lab	61.52, -19.40, -9.72
CIE LCh	62, 21.695, 206.616
Yxy	29.8400, 0.2531, 0.3186
Android (android.graphics.Color)	4284325797 (0xFF5D9FA5)
YUV	139.9500, 12.3497, -41.1751
Hunter-Lab	54.6260, -18.1391, -5.2938

# Details

The Hex color **5D9FA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A5635D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **93D6DC**, and **266B71** is the 20% darker color. If you saturate the color by 10%, you get **4C9EA5**, and if you desaturate by 10%, it is **6DA0A5**.

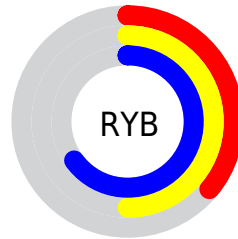
# Distribution



Red (36%)

Green (62%)

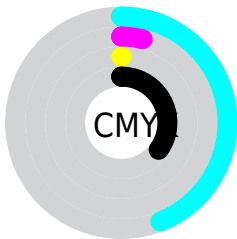
Blue (65%)



Red (36%)

Yellow (50%)

Blue (65%)

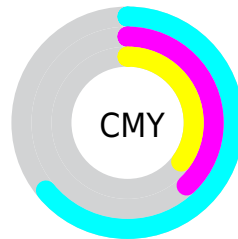


Cyan (44%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (38%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D9FA5 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 5D9FA5 by changing the saturation by 10% instead.





5D9FA5



5D9FA5

FFFFFF



42858B



93D6DC



266B71



AFF2F8



005359



CCFFFF



003C41



E8FFFF



00252B



000B17



000000



5D9FA5



5D9FA5



4C9EA5



6DA0A5

3C9CA5

7EA2A5

2B9BA5

8EA3A5

1B9AA5

9FA4A5

0A98A5

AFA6A5

0097A5

C0A7A5

D0A9A5

E1AAA5

F1ABA5

# Harmonies

## Analogous

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



679F92



5D9FA5



649CB4

# Triad

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



5D9FA5



AB8AAA



A5936E

# Complementary

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



5D9FA5



A5635D

# 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.



B48C75



5D9FA5



B98797

# Square

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



5D9FA5



9590B7



BC8884



919972

# Rectangle

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



5D9FA5



7299B9



BC8884



AB9070



# Sweetspot

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



5D9FA5



BAD4D6



5DA563



5A6A6B



EBEBEB



6B6B6B



# Same Dimension

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



5D9FA5



67CDD6



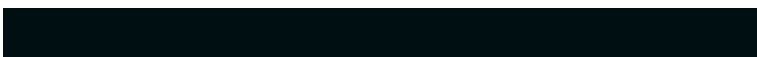
5D7BA5



495152



008591



001012



# Inverse Universe

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



A55D9F



D667CD



A5875D



524951



910085

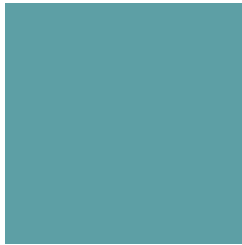


120010



# Previews

## White Background



This preview shows how the Hex color 5D9FA5 looks on a white background.

## Color Contrast Check

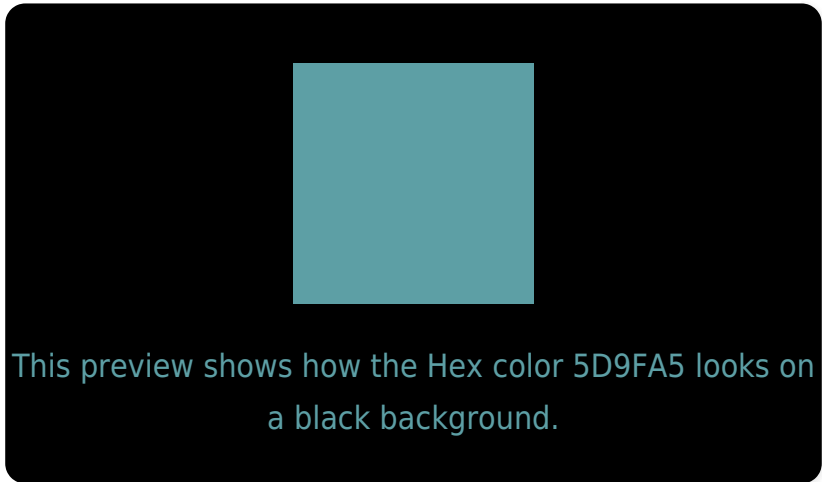
Large Text (above 18pt) WCAG AA ✓ Pass

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

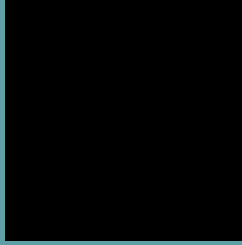
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D9FA5 Background



This preview shows how black text looks on a background with the Hex color 5D9FA5.

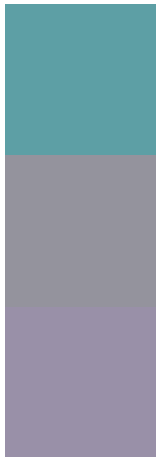


This preview shows how white text looks on a background with the Hex color 5D9FA5.

# 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**  
5D9FA5

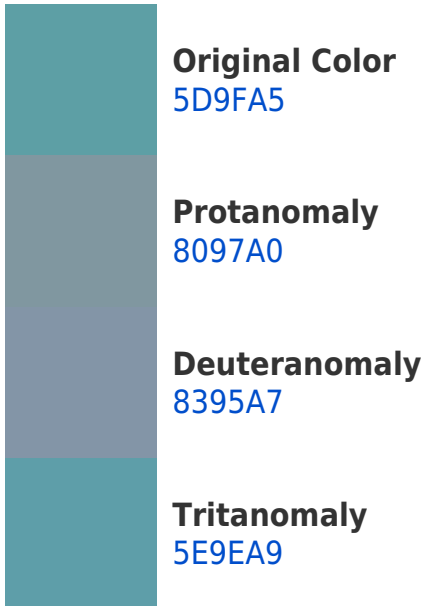
**Protanopia**  
94939D

**Deuteranopia**  
9990A8

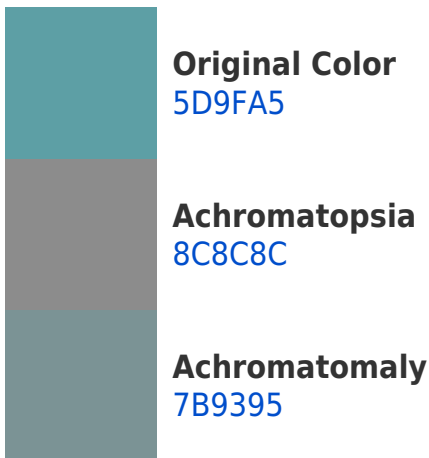


**Tritanopia**  
5F9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D9FA5 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 #5D9FA5 looks like.

```
.text, #text, p{  
    color:#5D9FA5  
}
```

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 #5D9FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9FA5
}
```

## Border

The CSS property to change the border of an element to Hex 5D9FA5 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
#5D9FA5 }
```

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

```
.border{ border-color:#5D9FA5 }
```

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

Here you see how a box with a 4 pixel #5D9FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9FA5; -webkit-box-shadow:4px 4px  
4px 4px #5D9FA5; box-shadow:4px 4px 4px  
4px #5D9FA5 }
```

# Background

The CSS property to change the background color of an element to Hex 5D9FA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9FA5 }
```

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

```
.background{ background-color:#5D9FA5 }
```

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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