

Converting Colors

Hex(5D59A0)

Have a look what the booklet for
Hex(5D59A0) contains.

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Color

Hex(5D59A0)

Conversions

Conversions Part 1

Format	Color
Hex	5D59A0
RGB	93, 89, 160
RGB Percent	36%, 35%, 63%
CMY	0.6353, 0.6510, 0.3725
CMYK	0.42, 0.44, 0.00, 0.37
HSL	243°, 29%, 49%
HSV	243°, 44%, 63%
XYZ	14.4317, 12.0100, 34.8152
YIQ	98.2900, -20.4070, 22.9290

Conversions

Conversions Part 2

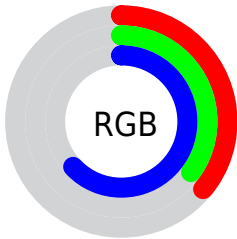
Format	Color
R_{YB}	93, 89, 160
Decimal	6117792
CIE _{Lab}	41.23, 20.06, -38.09
CIE _{LCh}	41, 43.044, 297.771
Yxy	12.0100, 0.2356, 0.1961
Android (android.graphics.Color)	4284307872 (0xFF5D59A0)
YUV	98.2900, 30.4230, -4.6393
Hunter-Lab	34.6554, 13.6867, -35.3046

Details

The Hex color **5D59A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9CA059**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **928BD7**, and **282C6C** is the 20% darker color. If you saturate the color by 10%, you get **4E49A0**, and if you desaturate by 10%, it is **6C69A0**.

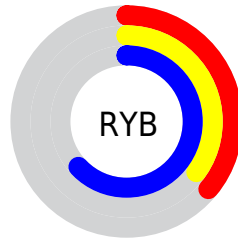
Distribution



Red (36%)

Green (35%)

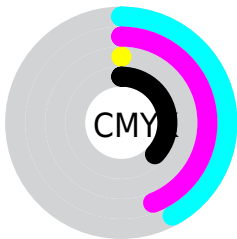
Blue (63%)



Red (36%)

Yellow (35%)

Blue (63%)

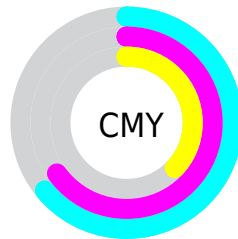


Cyan (42%)

Magenta (44%)

Yellow (0%)

Black (37%)



Cyan (64%)

Magenta (65%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D59A0 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 5D59A0 by changing the saturation by 10% instead.

■ 5D59A0

■ 5D59A0

FFFFFF

■ 434286

■ 928BD7

■ 282C6C

■ AEA5F4

■ 081753

■ CAC0FF

■ 00003C

■ E7DCFF

■ 000225

■ FFF9FF

■ 00010E

■ 000000

■ 5D59A0

■ 5D59A0

■ 4E49A0

■ 6C69A0

■ 3F39A0

■ 7B79A0

■ 3029A0

■ 8A89A0

■ 2119A0

■ 9999A0

■ 1209A0

■ A8A9A0

■ 0900A0

■ B8B9A0

■ C7C9A0

■ D6D9A0

■ E5E9A0

Harmonies

Analogous

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



0066A8



5D59A0



8A4A87

Triad

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



5D59A0



915125



00725D

Complementary

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



5D59A0



9CA059

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.



216F3A



5D59A0



765F14

Square

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



5D59A0



A04442



53691D



007281

Rectangle

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



5D59A0



9A4271



53691D



007151

Sweetspot

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



5D59A0



B7B6D1



599CA0



595869



E8E8E8



696969

Same Dimension

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



5D59A0



6962D1



8059A0



48474F



08008F



01000F

Inverse Universe

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



A0599C



D162CB



79A059



4F474F



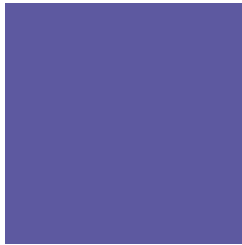
8F0087



0F000E

Previews

White Background



This preview shows how the Hex color 5D59A0 looks on a white background.

Color Contrast Check

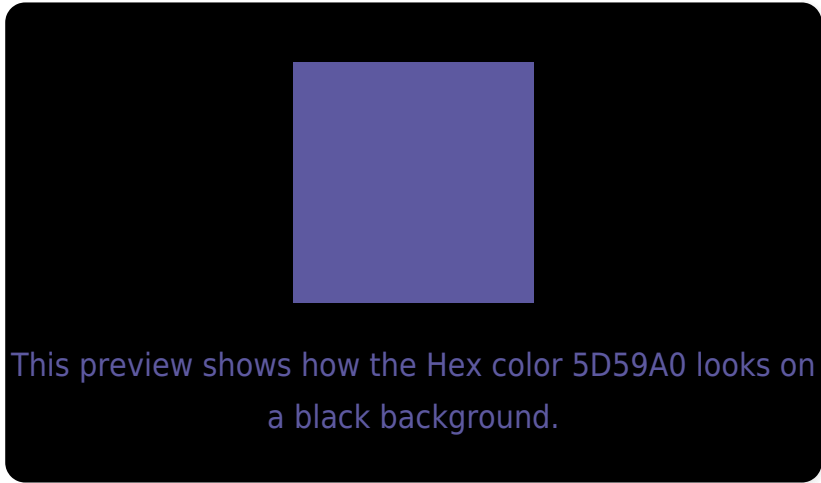
Large Text (above 18pt) WCAG AA ✓ Pass

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

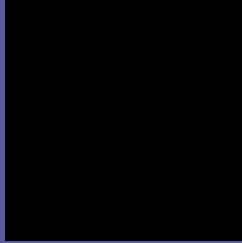
Any Text WCAG AA × Fail

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 5D59A0 Background



This preview shows how black text looks on a background with the Hex color 5D59A0.

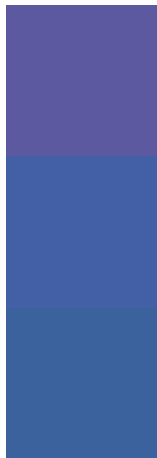


This preview shows how white text looks on a background with the Hex color 5D59A0.

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
5D59A0

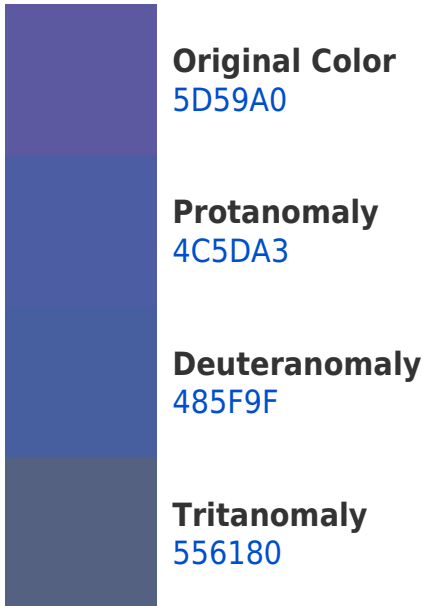
Protanopia
435FA5

Deuteranopia
3C629E



Tritanopia
50656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D59A0 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 #5D59A0 looks like.

```
.text, #text, p{  
    color:#5D59A0  
}
```

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 #5D59A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D59A0
}
```

Border

The CSS property to change the border of an element to Hex 5D59A0 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
#5D59A0 }
```

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

```
.border{ border-color:#5D59A0 }
```

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

Here you see how a box with a 4 pixel #5D59A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D59A0; -webkit-box-shadow:4px 4px  
4px 4px #5D59A0; box-shadow:4px 4px 4px  
4px #5D59A0 }
```

Background

The CSS property to change the background color of an element to Hex 5D59A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D59A0 }
```

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

```
.background{ background-color:#5D59A0 }
```

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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