

Converting Colors

Hex(5B59A4)

Have a look what the booklet for
Hex(5B59A4) contains.

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Color

Hex(5B59A4)

Conversions

Conversions Part 1

Format	Color
Hex	5B59A4
RGB	91, 89, 164
RGB Percent	36%, 35%, 64%
CMY	0.6431, 0.6510, 0.3569
CMYK	0.45, 0.46, 0.00, 0.36
HSL	242°, 30%, 50%
HSV	242°, 46%, 64%
XYZ	14.5876, 12.0492, 36.6788
YIQ	98.1480, -22.8830, 23.7490

Conversions

Conversions Part 2

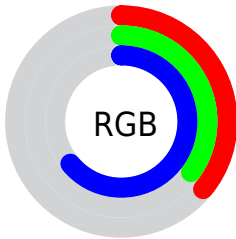
Format	Color
RYB	91, 89, 164
Decimal	5986724
CIELab	41.29, 20.74, -40.38
CIElCh	41, 45.394, 297.192
Yxy	12.0492, 0.2304, 0.1903
Android (android.graphics.Color)	4284176804 (0xFF5B59A4)
YUV	98.1480, 32.4650, -6.2688
Hunter-Lab	34.7120, 14.2680, -38.3510

Details

The Hex color **5B59A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A2A459**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **918BDB**, and **252C70** is the 20% darker color. If you saturate the color by 10%, you get **4B49A4**, and if you desaturate by 10%, it is **6B69A4**.

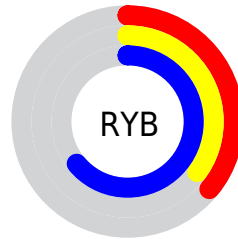
Distribution



Red (36%)

Green (35%)

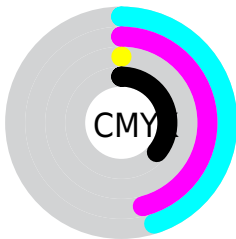
Blue (64%)



Red (36%)

Yellow (35%)

Blue (64%)

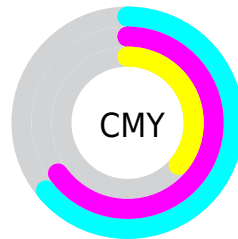


Cyan (45%)

Magenta (46%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (65%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B59A4 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 5B59A4 by changing the saturation by 10% instead.

■ 5B59A4

■ 5B59A4

FFFFFF

■ 404289

■ 918BDB

■ 252C70

■ ACA5F8

■ 001757

■ C9C0FF

■ 00003F

■ E5DCFF

■ 000328

■ FFF9FF

■ 000112

■ 000000

■ 5B59A4

■ 5B59A4

■ 4B49A4

■ 6B69A4

■ 3B38A4

■ 7B7AA4

■ 2B28A4

■ 8B8AA4

■ 1B17A4

■ 9B9BA4

■ 0B07A4

■ ABABA4

■ 0400A4

■ BBBBA4

■ CBCCA4

■ DBDCA4

■ EBEDA4

Harmonies

Analogous

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



0067AC



5B59A4



8B498A

Triad

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



5B59A4



935022



00735D

Complementary

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



5B59A4



A2A459

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.



1C7037



5B59A4



775E0D

Square

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



5B59A4



A34242



536918



007382

Rectangle

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



5B59A4



9D4073



536918



007250

Sweetspot

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



5B59A4



B9B8D6



59A3A4



59596B



EBEBEB



6B6B6B

Same Dimension

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



5B59A4



6460D6



8059A4



4A4952



040091



000012

Inverse Universe

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



A459A2



D660D3



7DA459



524951



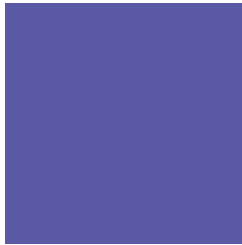
91008D



120011

Previews

White Background



This preview shows how the Hex color 5B59A4 looks on a white background.

Color Contrast Check

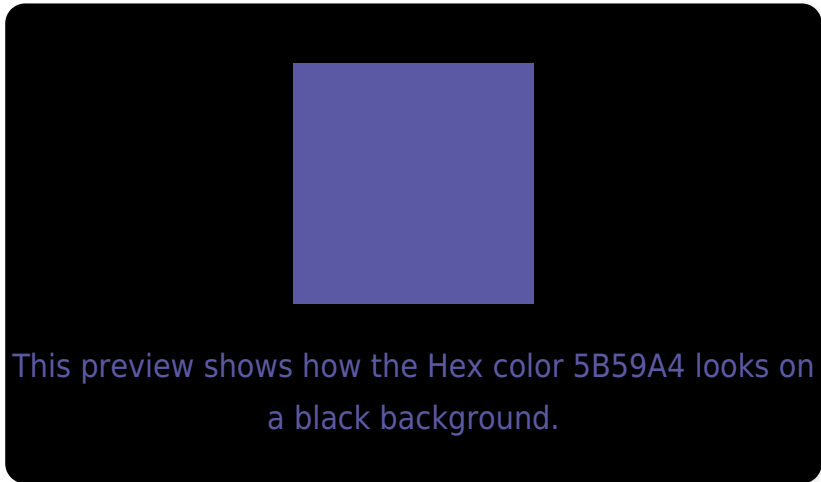
Large Text (above 18pt) WCAG AA ✓ Pass

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

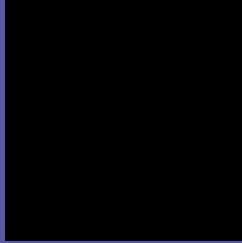
Any Text WCAG AA × Fail

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 5B59A4 Background



This preview shows how black text looks on a background with the Hex color 5B59A4.

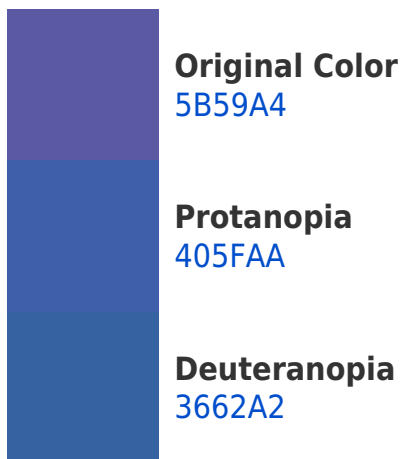


This preview shows how white text looks on a background with the Hex color 5B59A4.

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](#).

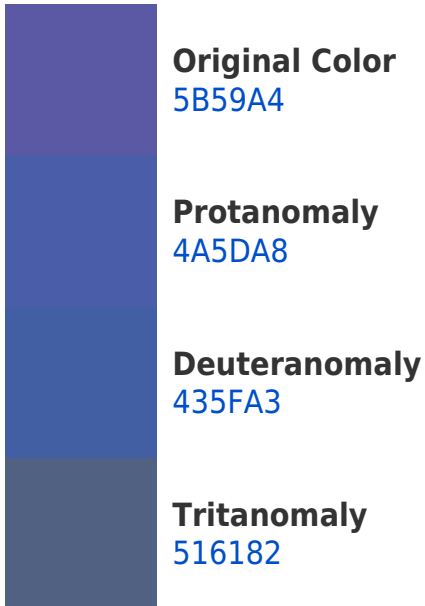
Dichromacy



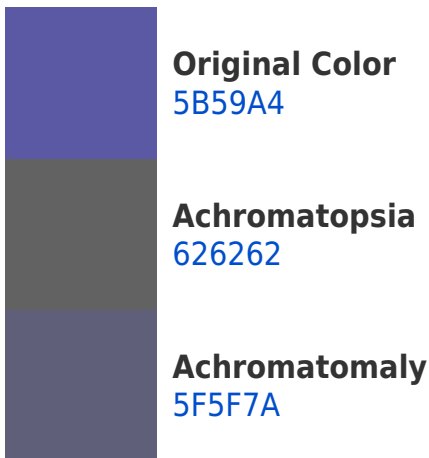


Tritanopia
4C656E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B59A4 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 #5B59A4 looks like.

```
.text, #text, p{  
    color:#5B59A4  
}
```

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 #5B59A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B59A4
}
```

Border

The CSS property to change the border of an element to Hex 5B59A4 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
#5B59A4 }
```

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

```
.border{ border-color:#5B59A4 }
```

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

Here you see how a box with a 4 pixel #5B59A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B59A4; -webkit-box-shadow:4px 4px  
4px 4px #5B59A4; box-shadow:4px 4px 4px  
4px #5B59A4 }
```

Background

The CSS property to change the background color of an element to Hex 5B59A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B59A4 }
```

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

```
.background{ background-color:#5B59A4 }
```

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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