

Converting Colors

Hex(5914A8)

Have a look what the booklet for
Hex(5914A8) contains.

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Color

Hex(5914A8)

Conversions

Conversions Part 1

Format	Color
Hex	5914A8
RGB	89, 20, 168
RGB Percent	35%, 8%, 66%
CMY	0.6510, 0.9216, 0.3412
CMYK	0.47, 0.88, 0.00, 0.34
HSL	268°, 79%, 37%
HSV	268°, 88%, 66%
XYZ	11.4379, 5.4513, 37.4952
YIQ	57.5030, -6.3840, 60.6560

Conversions

Conversions Part 2

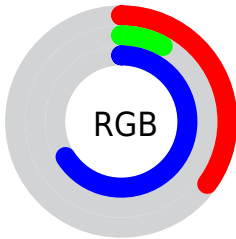
Format	Color
R_{YB}	89, 20, 168
Decimal	5837992
CIE _{Lab}	27.98, 57.27, -64.35
CIE _{LCh}	28, 86.144, 311.667
Yxy	5.4513, 0.2103, 0.1002
Android (android.graphics.Color)	4284028072 (0xFF5914A8)
YUV	57.5030, 54.4750, 27.6229
Hunter-Lab	23.3480, 46.5854, -78.8715

Details

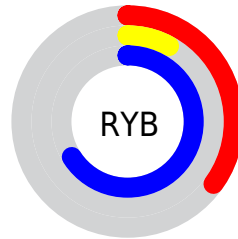
The Hex color **5914A8** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **63A814**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **934CE0**, and **170073** is the 20% darker color. If you saturate the color by 10%, you get **5003A8**, and if you desaturate by 10%, it is **6225A8**.

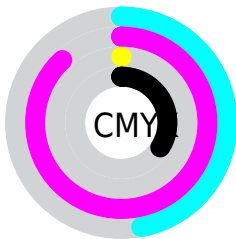
Distribution



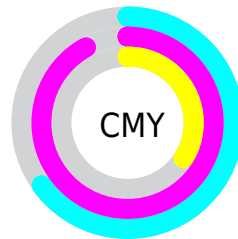
- Red (35%)
- Green (8%)
- Blue (66%)



- Red (35%)
- Yellow (8%)
- Blue (66%)



- Cyan (47%)
- Magenta (88%)
- Yellow (0%)
- Black (34%)



- Cyan (65%)
- Magenta (92%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5914A8 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 5914A8 by changing the saturation by 10% instead.

■ 5914A8

■ 5914A8

FFFFFF

■ 3B008D

■ 934CE0

■ 170073

■ B067FD

■ 000059

■ CD81FF

■ 000240

■ EB9DFF

■ 000329

■ FFB8FF

■ 000114

■ FFD5FF

■ 000000

■ FFF2FF

■ 5914A8

■ 5914A8

■ 5003A8

■ 6225A8

■ 4E00A8

■ 6B36A8

■ 7446A8

■ 7D57A8

■ 8668A8

■ 8F79A8

■ 988AA8

■ A19AA8

■ AAABA8

Harmonies

Analogous

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



0045C9



5914A8



9C006D

Triad

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



5914A8



722E00



00585C

Complementary

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



5914A8



63A814

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.



005612



5914A8



3A4800

Square

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



5914A8



990000



005200



005A9B

Rectangle

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



5914A8



AB0042



005200



005844

Sweetspot

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



5914A8



BDA2DB



1465A8



5C4C6E



EDEDED



6E6E6E

Same Dimension

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



5914A8



6600DB



A114A8



504C54



450094



0A0014

Inverse Universe

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



A81463



DB0075



1BA814



544C50



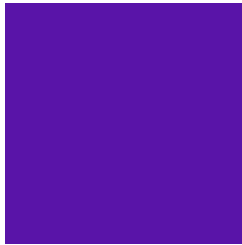
94004F



14000B

Previews

White Background



This preview shows how the Hex color 5914A8 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

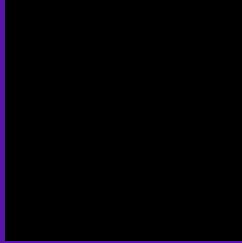
Any Text WCAG AA × Fail

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 5914A8 Background



This preview shows how black text looks on a background with the Hex color 5914A8.



This preview shows how white text looks on a background with the Hex color 5914A8.

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](#).

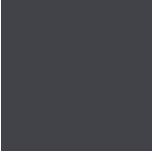
Dichromacy



Original Color
5914A8

Protanopia
004189

Deuteranopia
004575



Tritanopia
414349

Trichromacy



Original Color
5914A8



Protanomaly
203194



Deuteranomaly
203388



Tritanomaly
4A326C

Monochromacy



Original Color
5914A8



Achromatopsia
3A3A3A



Achromatomaly
452C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 5914A8 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 #5914A8 looks like.

```
.text, #text, p{  
    color:#5914A8  
}
```

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 #5914A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5914A8
}
```

Border

The CSS property to change the border of an element to Hex 5914A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

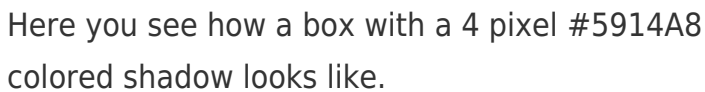
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5914A8 }
```

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

```
.border{ border-color:#5914A8 }
```

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



Here you see how a box with a 4 pixel #5914A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5914A8; -webkit-box-shadow:4px 4px  
4px 4px #5914A8; box-shadow:4px 4px 4px  
4px #5914A8 }
```

Background

The CSS property to change the background color of an element to Hex 5914A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5914A8 }
```

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

```
.background{ background-color:#5914A8 }
```

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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