

Converting Colors

Hex(5942B8)

Have a look what the booklet for
Hex(5942B8) contains.

Hex(5942B8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5942B8)

Conversions

Conversions Part 1

Format	Color
Hex	5942B8
RGB	89, 66, 184
RGB Percent	35%, 26%, 72%
CMY	0.6510, 0.7412, 0.2784
CMYK	0.52, 0.64, 0.00, 0.28
HSL	252°, 47%, 49%
HSV	252°, 64%, 72%
XYZ	14.7198, 9.4810, 46.4016
YIQ	86.3290, -24.1700, 41.5740

Conversions

Conversions Part 2

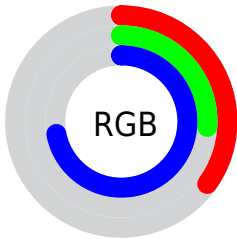
Format	Color
R_{YB}	89, 66, 184
Decimal	5849784
CIE _{Lab}	36.89, 40.52, -59.31
CIE _{LCh}	37, 71.827, 304.338
Yxy	9.4810, 0.2085, 0.1343
Android (android.graphics.Color)	4284039864 (0xFF5942B8)
YUV	86.3290, 48.1518, 2.3425
Hunter-Lab	30.7912, 31.4476, -67.7948

Details

The Hex color **5942B8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A1B842**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9273F1**, and **161482** is the 20% darker color. If you saturate the color by 10%, you get **4A30B8**, and if you desaturate by 10%, it is **6854B8**.

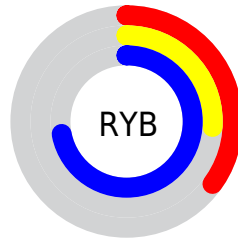
Distribution



Red (35%)

Green (26%)

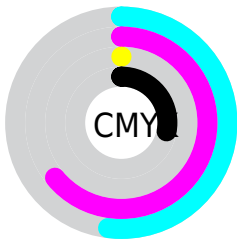
Blue (72%)



Red (35%)

Yellow (26%)

Blue (72%)

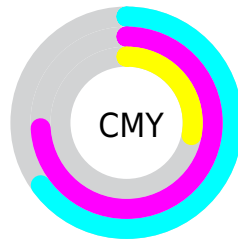


Cyan (52%)

Magenta (64%)

Yellow (0%)

Black (28%)



Cyan (65%)

Magenta (74%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5942B8 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 5942B8 by changing the saturation by 10% instead.

 5942B8

 5942B8


FFFFFF

 3B2B9D

 9273F1

 161482

 AF8DFF

 000068

 CCA8FF

 00004F

 EAC3FF

 000537

 FFE0FF

 000221

 FFFCFF

 000005

 000000

 5942B8

 5942B8

■ 4A30B8

■ 6854B8

■ 3B1DB8

■ 7767B8

■ 2D0BB8

■ 8579B8

■ 2400B8

■ 948CB8

■ A39EB8

■ B2B0B8

■ C1C3B8

■ D0D5B8

■ DEE8B8

Harmonies

Analogous

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



005DCC



5942B8



9F0B8A

Triad

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



5942B8



913F00



006E5E

Complementary

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



5942B8



A1B842

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.



006B1F



5942B8



635800

Square

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



5942B8



AF0D19



216500



006E97

Rectangle

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



5942B8



B30064



216500



006D4A

Sweetspot

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



5942B8



CBC2F0



42A2B8



625C78



F7F7F7



787878

Same Dimension

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



5942B8



5B37F0



9342B8



54535C



1E009C



05001C

Inverse Universe

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



B842A1



F037CC



67B842



5C535A



9C007D



1C0017

Previews

White Background



This preview shows how the Hex color 5942B8 looks on a white background.

Color Contrast Check

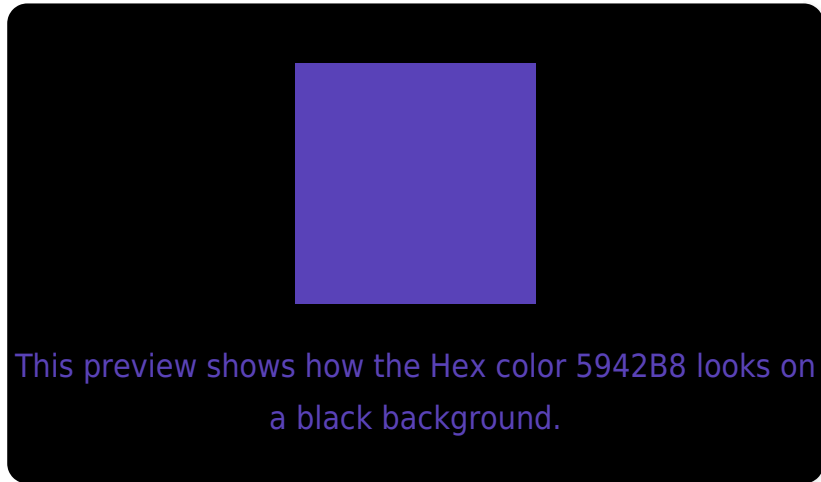
Large Text (above 18pt) WCAG AA ✓ Pass

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

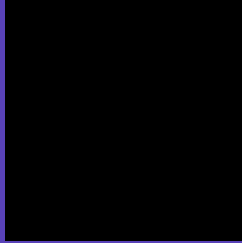
Any Text WCAG AA × Fail

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 5942B8 Background



This preview shows how black text looks on a background with the Hex color 5942B8.

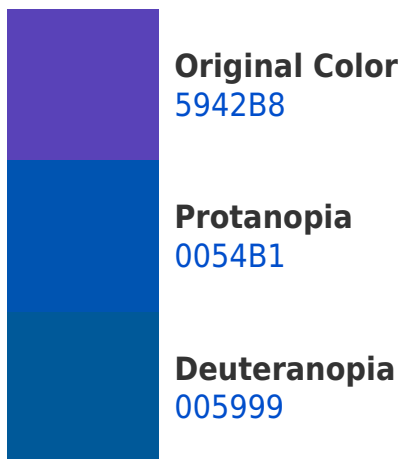


This preview shows how white text looks on a background with the Hex color 5942B8.

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
3E5B63

Trichromacy



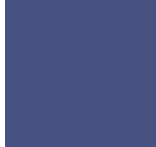
Original Color
5942B8



Protanomaly
204DB4



Deuteranomaly
2051A4



Tritanomaly
485282

Monochromacy



Original Color
5942B8



Achromatopsia
565656



Achromatomaly
574F7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5942B8 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 #5942B8 looks like.

```
.text, #text, p{  
    color:#5942B8  
}
```

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 #5942B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5942B8  
}
```

Border

The CSS property to change the border of an element to Hex 5942B8 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".

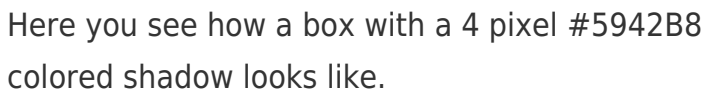
```
.border, #border, table{ border:4px solid  
#5942B8 }
```

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

```
.border{ border-color:#5942B8 }
```

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

Here you see how a box with a 4 pixel #5942B8 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5942B8; -webkit-box-shadow:4px 4px  
4px 4px #5942B8; box-shadow:4px 4px 4px  
4px #5942B8 }
```

Background

The CSS property to change the background color of an element to Hex 5942B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5942B8 }
```

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

```
.background{ background-color:#5942B8 }
```

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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