

Converting Colors

Hex(4952B9)

Have a look what the booklet for
Hex(4952B9) contains.

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Color

Hex(4952B9)

Conversions

Conversions Part 1

Format	Color
Hex	4952B9
RGB	73, 82, 185
RGB Percent	29%, 32%, 73%
CMY	0.7137, 0.6784, 0.2745
CMYK	0.61, 0.56, 0.00, 0.27
HSL	235°, 44%, 51%
HSV	235°, 61%, 73%
XYZ	14.5219, 10.9538, 47.2479
YIQ	91.0510, -38.4270, 30.1250

Conversions

Conversions Part 2

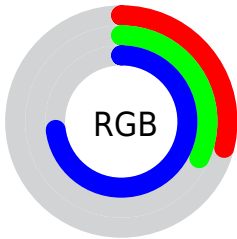
Format	Color
R _Y B	73, 81, 185
Decimal	4805305
CIE Lab	39.50, 28.06, -55.72
CIE LCh	40, 62.390, 296.732
Yxy	10.9538, 0.1997, 0.1506
Android (android.graphics.Color)	4282995385 (0xFF4952B9)
YUV	91.0510, 46.3169, -15.8307
Hunter-Lab	33.0966, 20.4021, -61.4733

Details

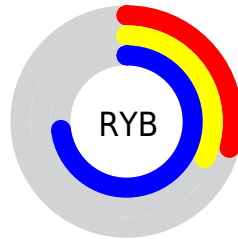
The Hex color **4952B9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9B049**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8383F2**, and **002683** is the 20% darker color. If you saturate the color by 10%, you get **3641B9**, and if you desaturate by 10%, it is **5B63B9**.

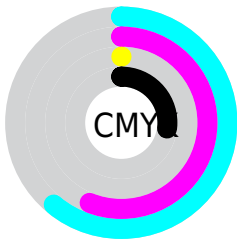
Distribution



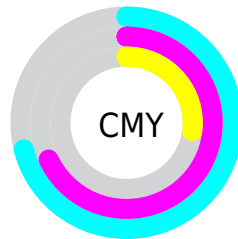
- Red (29%)
- Green (32%)
- Blue (73%)



- Red (29%)
- Yellow (32%)
- Blue (73%)



- Cyan (61%)
- Magenta (56%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (68%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4952B9 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 4952B9 by changing the saturation by 10% instead.

■ 4952B9

■ 4952B9

FFFFFF

■ 283B9E

■ 8383F2

■ 002683

■ A09DFF

■ 001269

■ BDB8FF

■ 000050

■ DBD4FF

■ 000538

■ F9F0FF

■ 000222

■ 000008

■ 000000

■ 4952B9

■ 4952B9

■ 3641B9

■ 5B63B9

■ 2430B9

■ 6E74B9

■ 111FB9

■ 8185B9

■ 000FB9

■ 9396B9

■ A5A7B9

■ B8B8B9

■ CBC9B9

■ DDDAB9

■ EFEBB9

Harmonies

Analogous

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



0065C4



4952B9



933596

Triad

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



4952B9



9B4200



007256

Complementary

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



4952B9



B9B049

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.



006F1F



4952B9



765900

Square

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



4952B9



B22533



456700



00738A

Rectangle

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



4952B9



AB2076



456700



007144

Sweetspot

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



4952B9



C5C8F0



49B9B0



5D6078



F7F7F7



787878

Same Dimension

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



4952B9



414FF0



7849B9



53535C



000C9C



00021C

Inverse Universe

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



B94952



F0414F



8AB949



5C5353



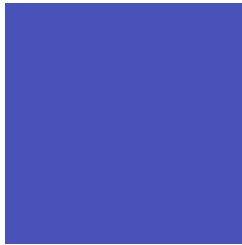
9C000C



1C0002

Previews

White Background



This preview shows how the Hex color 4952B9 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



This preview shows how the Hex color 4952B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

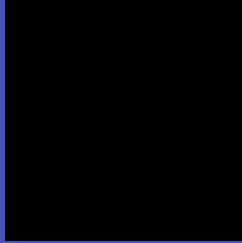
Any Text WCAG AA × Fail

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 4952B9 Background



This preview shows how black text looks on a background with the Hex color 4952B9.



This preview shows how white text looks on a background with the Hex color 4952B9.

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
4952B9

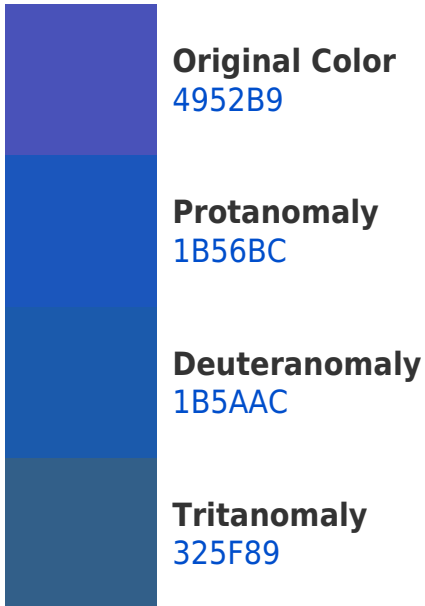
Protanopia
0059BE

Deuteranopia
005FA5

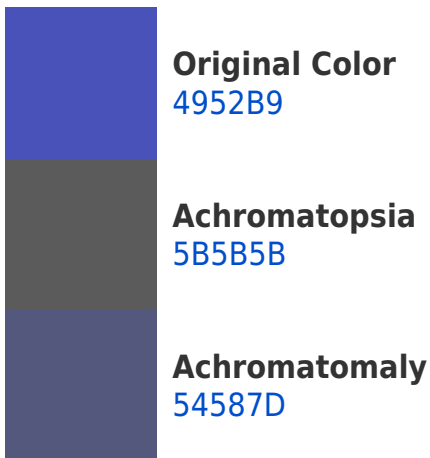


Tritanopia
25666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4952B9 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 #4952B9 looks like.

```
.text, #text, p{  
    color:#4952B9  
}
```

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 #4952B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4952B9
}
```

Border

The CSS property to change the border of an element to Hex 4952B9 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".

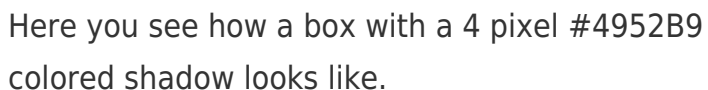
```
.border, #border, table{ border:4px solid
#4952B9 }
```

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

```
.border{ border-color:#4952B9 }
```

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

Here you see how a box with a 4 pixel #4952B9 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4952B9; -webkit-box-shadow:4px 4px  
4px 4px #4952B9; box-shadow:4px 4px 4px  
4px #4952B9 }
```

Background

The CSS property to change the background color of an element to Hex 4952B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4952B9 }
```

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

```
.background{ background-color:#4952B9 }
```

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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