

Converting Colors

Hex(549BD2)

Have a look what the booklet for
Hex(549BD2) contains.

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Color

Hex(549BD2)

Conversions

Conversions Part 1

Format	Color
Hex	549BD2
RGB	84, 155, 210
RGB Percent	33%, 61%, 82%
CMY	0.6706, 0.3922, 0.1765
CMYK	0.60, 0.26, 0.00, 0.18
HSL	206°, 58%, 58%
HSV	206°, 60%, 82%
XYZ	27.0104, 29.9807, 65.3360
YIQ	140.0410, -59.9710, 2.0530

Conversions

Conversions Part 2

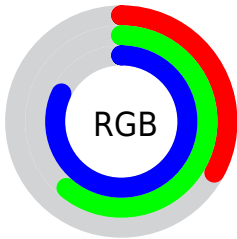
Format	Color
R_{YB}	84, 129, 210
Decimal	5544914
CIE _{Lab}	61.64, -5.92, -34.83
CIE _{LCh}	62, 35.333, 260.357
Yxy	29.9807, 0.2208, 0.2451
Android (android.graphics.Color)	4283734994 (0xFF549BD2)
YUV	140.0410, 34.4898, -49.1480
Hunter-Lab	54.7546, -7.7667, -32.4197

Details

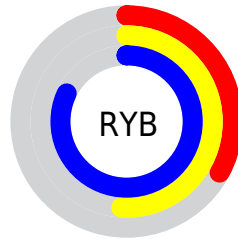
The Hex color **549BD2** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D28B54**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8FD1FF**, and **00689B** is the 20% darker color. If you saturate the color by 10%, you get **3F92D2**, and if you desaturate by 10%, it is **69A4D2**.

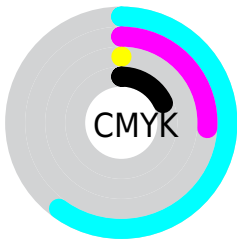
Distribution



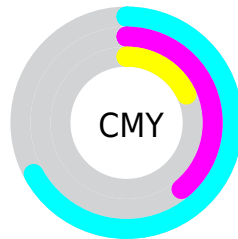
- Red (33%)
- Green (61%)
- Blue (82%)



- Red (33%)
- Yellow (51%)
- Blue (82%)



- Cyan (60%)
- Magenta (26%)
- Yellow (0%)
- Black (18%)



- Cyan (67%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 549BD2 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 549BD2 by changing the saturation by 10% instead.

■ 549BD2

■ 549BD2

FFFFFF

■ 3381B6

■ 8FD1FF

■ 00689B

■ ACEEFF

■ 005081

■ C9FFFF

■ 003968

■ E7FFFF

■ 00244F

■ 000F38

■ 000222

■ 000008

■ 000000

■ 549BD2

■ 549BD2

■ 3F92D2

■ 69A4D2

■ 2A89D2

■ 7EADD2

■ 157FD2

■ 93B6D2

■ 0076D2

■ A8C0D2

■ BDC9D2

■ D2D2D2

■ E7DBD2

■ FCE4D2

■ FFEDD2

Harmonies

Analogous

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



0FA2C4



549BD2



8991CF

Triad

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



549BD2



D27D81



70A16C

Complementary

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



549BD2



D28B54

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.



949A59



549BD2



C88566

Square

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



549BD2



CB7DA0



B29057



46A589

Rectangle

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



549BD2



A689C5



B29057



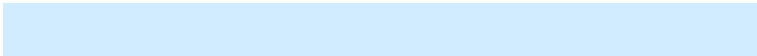
7C9F64

Sweetspot

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



549BD2



D1EBFF



54D28B



637380



000000



808080

Same Dimension

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



549BD2



47AFFF



545CD2



5E6469



005FA8



001729

Inverse Universe

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



D2549B



FF47AF



D2CA54



695E64



A8005F



290017

Previews

White Background



This preview shows how the Hex color 549BD2 looks on a white background.

Color Contrast Check

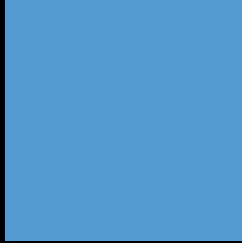
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 549BD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

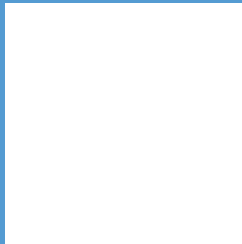
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 549BD2 Background



This preview shows how black text looks on a background with the Hex color 549BD2.

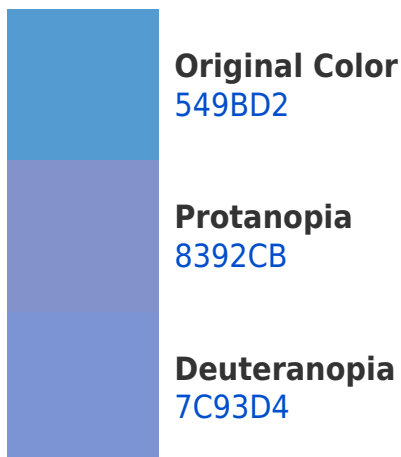


This preview shows how white text looks on a background with the Hex color 549BD2.

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](#).

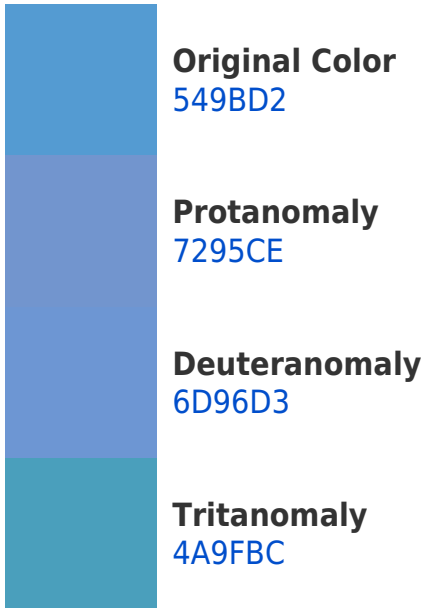
Dichromacy



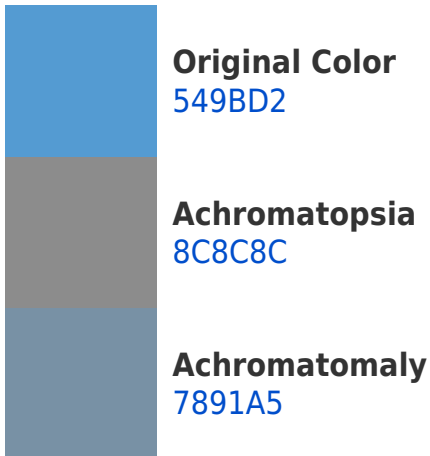


Tritanopia
44A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 549BD2 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 #549BD2 looks like.

```
.text, #text, p{  
    color:#549BD2  
}
```

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 #549BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549BD2
}
```

Border

The CSS property to change the border of an element to Hex 549BD2 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
#549BD2 }
```

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

```
.border{ border-color:#549BD2 }
```

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

Here you see how a box with a 4 pixel #549BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549BD2; -webkit-box-shadow:4px 4px  
4px 4px #549BD2; box-shadow:4px 4px 4px  
4px #549BD2 }
```

Background

The CSS property to change the background color of an element to Hex 549BD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549BD2 }
```

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

```
.background{ background-color:#549BD2 }
```

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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