

Converting Colors

Hex(549DD1)

Have a look what the booklet for
Hex(549DD1) contains.

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Color

Hex(549DD1)

Conversions

Conversions Part 1

Format	Color
Hex	549DD1
RGB	84, 157, 209
RGB Percent	33%, 62%, 82%
CMY	0.6706, 0.3843, 0.1804
CMYK	0.60, 0.25, 0.00, 0.18
HSL	205°, 58%, 57%
HSV	205°, 60%, 82%
XYZ	27.2218, 30.6022, 64.7937
YIQ	141.1010, -60.2000, 0.6960

Conversions

Conversions Part 2

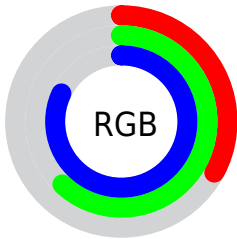
Format	Color
R_{YB}	84, 130, 209
Decimal	5545425
CIE _{Lab}	62.17, -7.36, -33.45
CIE _{LCh}	62, 34.248, 257.590
Yxy	30.6022, 0.2220, 0.2496
Android (android.graphics.Color)	4283735505 (0xFF549DD1)
YUV	141.1010, 33.4742, -50.0776
Hunter-Lab	55.3193, -8.9716, -30.7210

Details

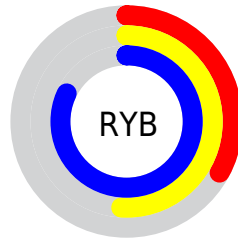
The Hex color **549DD1** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D18854**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8FD3FF**, and **006A9A** is the 20% darker color. If you saturate the color by 10%, you get **3F94D1**, and if you desaturate by 10%, it is **69A6D1**.

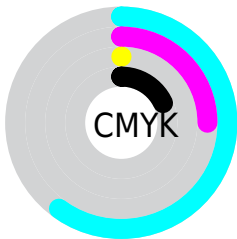
Distribution



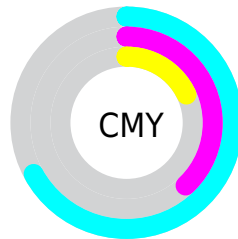
- Red (33%)
- Green (62%)
- Blue (82%)



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



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (67%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 549DD1 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 549DD1 by changing the saturation by 10% instead.

■ 549DD1

■ 549DD1

FFFFFF

■ 3483B5

■ 8FD3FF

■ 006A9A

■ ACF0FF

■ 005280

■ C9FFFF

■ 003B67

■ E7FFFF

■ 00264E

■ 001137

■ 000221

■ 000007

■ 000000

■ 549DD1

■ 549DD1

■ 3F94D1

■ 69A6D1

■ 2A8CD1

■ 7EAED1

■ 1583D1

■ 93B7D1

■ 007AD1

■ A8C0D1

■ BCC8D1

■ D1D1D1

■ E6DAD1

■ FBE3D1

■ FFEBD1

Harmonies

Analogous

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



1EA4C2



549DD1



8793D0

Triad

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



549DD1



D27F85



76A26C

Complementary

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



549DD1



D18854

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.



989A5B



549DD1



CA866B

Square

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



549DD1



C980A4



B5905B



4FA688

Rectangle

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



549DD1



A48CC6



B5905B



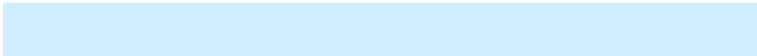
829F65

Sweetspot

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



549DD1



D1ECFF



54D186



637480



000000



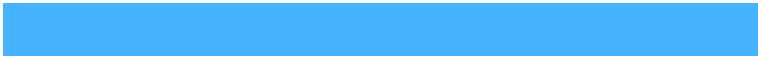
808080

Same Dimension

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



549DD1



47B3FF



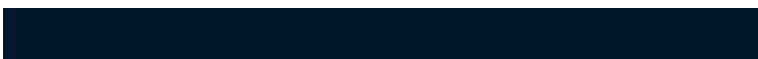
5460D1



5E6469



0062A8



001829

Inverse Universe

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



D1549D



FF47B3



D1C454



695E64



A80062



290018

Previews

White Background



This preview shows how the Hex color 549DD1 looks on a white background.

Color Contrast Check

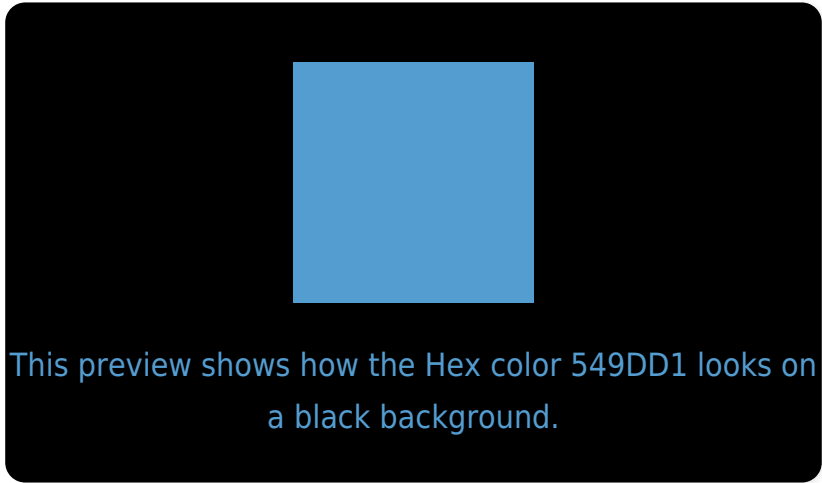
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

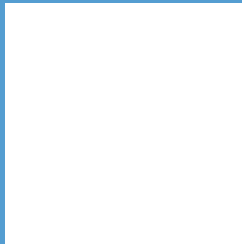
Any Text WCAG AAA ✓ Pass

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

Hex 549DD1 Background



This preview shows how black text looks on a background with the Hex color 549DD1.

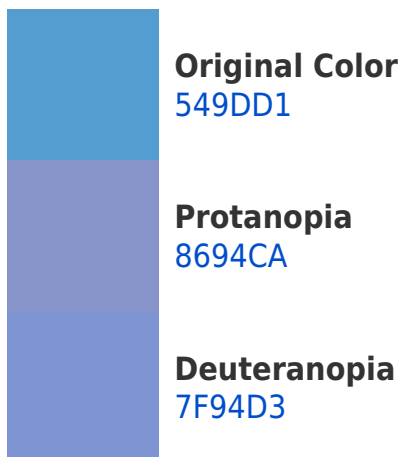


This preview shows how white text looks on a background with the Hex color 549DD1.

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](#).

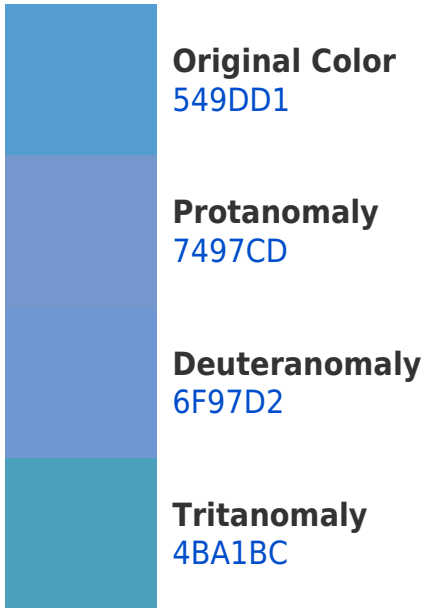
Dichromacy



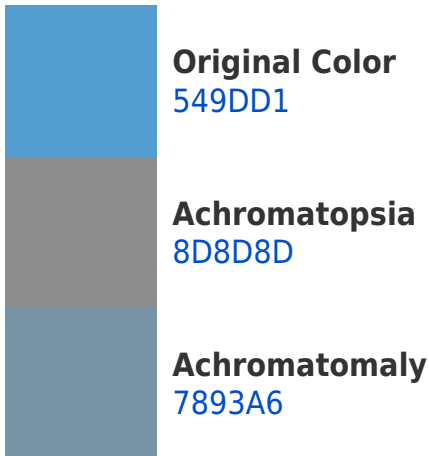


Tritanopia
46A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 549DD1 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 #549DD1 looks like.

```
.text, #text, p{  
    color:#549DD1  
}
```

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 #549DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549DD1
}
```

Border

The CSS property to change the border of an element to Hex 549DD1 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
#549DD1 }
```

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

```
.border{ border-color:#549DD1 }
```

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

Here you see how a box with a 4 pixel #549DD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549DD1; -webkit-box-shadow:4px 4px  
4px 4px #549DD1; box-shadow:4px 4px 4px  
4px #549DD1 }
```

Background

The CSS property to change the background color of an element to Hex 549DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549DD1 }
```

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

```
.background{ background-color:#549DD1 }
```

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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