

Converting Colors

Hex(4299E9)

Have a look what the booklet for
Hex(4299E9) contains.

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Color

Hex(4299E9)

Conversions

Conversions Part 1

Format	Color
Hex	4299E9
RGB	66, 153, 233
RGB Percent	26%, 60%, 91%
CMY	0.7412, 0.4000, 0.0863
CMYK	0.72, 0.34, 0.00, 0.09
HSL	209°, 79%, 59%
HSV	209°, 72%, 91%
XYZ	28.3460, 29.8239, 81.3534
YIQ	136.1070, -77.5320, 6.4360

Conversions

Conversions Part 2

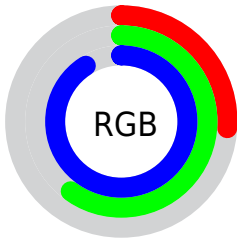
Format	Color
RYB	66, 123, 233
Decimal	4364777
CIELab	61.50, -0.00, -47.86
CIELCh	62, 47.859, 269.996
Yxy	29.8239, 0.2032, 0.2138
Android (android.graphics.Color)	4282554857 (0xFF4299E9)
YUV	136.1070, 47.7682, -61.4838
Hunter-Lab	54.6113, -2.9193, -50.0953

Details

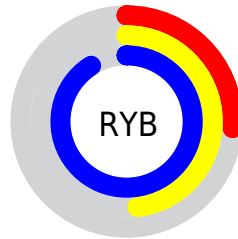
The Hex color **4299E9** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **E99242**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **84CFFF**, and **0067B1** is the 20% darker color. If you saturate the color by 10%, you get **2B8EE9**, and if you desaturate by 10%, it is **59A4E9**.

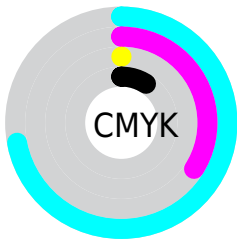
Distribution



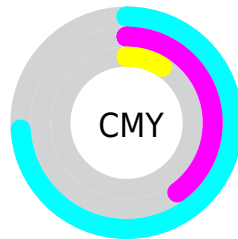
- Red (26%)
- Green (60%)
- Blue (91%)



- Red (26%)
- Yellow (48%)
- Blue (91%)



- Cyan (72%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (74%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4299E9 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 4299E9 by changing the saturation by 10% instead.

■ 4299E9

■ 4299E9

FFFFFF

■ 0B7FCD

■ 84CFFF

■ 0067B1

■ A3EBFF

■ 004F96

■ C2FFFF

■ 00397C

■ E0FFFF

■ 002462

■ 000E4A

■ 000432

■ 00021C

■ 000000

■ 4299E9

■ 4299E9

■ 2B8EE9

■ 59A4E9

■ 1383E9

■ 71AFE9

■ 0079E9

■ 88BAE9

■ 9FC6E9

■ B7D1E9

■ CEDCE9

■ E5E7E9

■ FCF2E9

■ FFFDE9

Harmonies

Analogous

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



00A4DD



4299E9



9789DE

Triad

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



4299E9



E1756D



4AA668

Complementary

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



4299E9



E99242

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.



829E48



4299E9



CE834B

Square

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



4299E9



E17096



AD923C



00AA93

Rectangle

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



4299E9



BB7ECB



AD923C



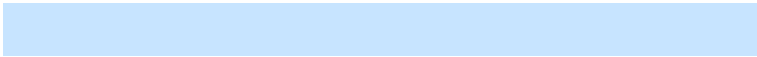
60A45C

Sweetspot

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



4299E9



C7E4FF



42E990



5E7080



000000



808080

Same Dimension

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



4299E9



2496FF



4248E9



6A7075



005EB5



001C36

Inverse Universe

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



E94299



FF2496



E9E342



756A70



B5005E



36001C

Previews

White Background



This preview shows how the Hex color 4299E9 looks on a white background.

Color Contrast Check

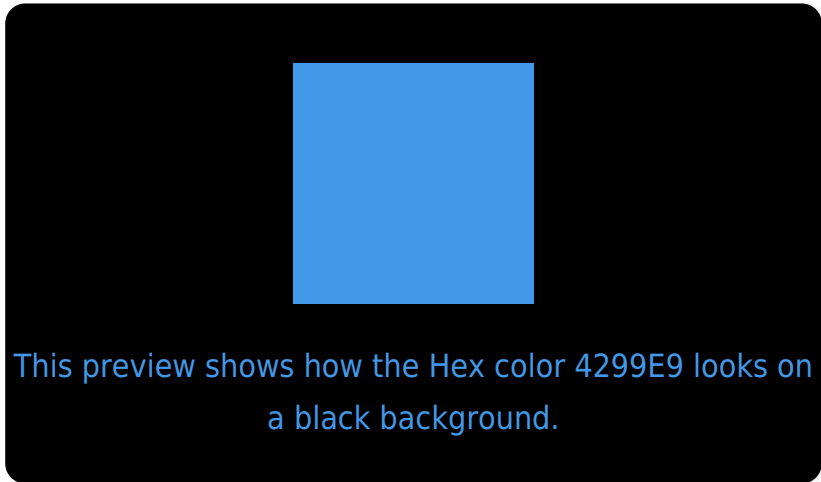
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

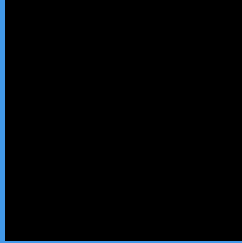
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

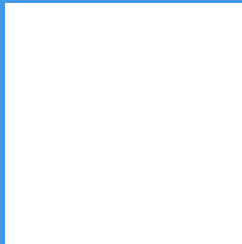
Any Text WCAG AAA × Fail

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

Hex 4299E9 Background



This preview shows how black text looks on a background with the Hex color 4299E9.



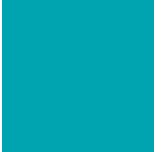
This preview shows how white text looks on a background with the Hex color 4299E9.

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](#).

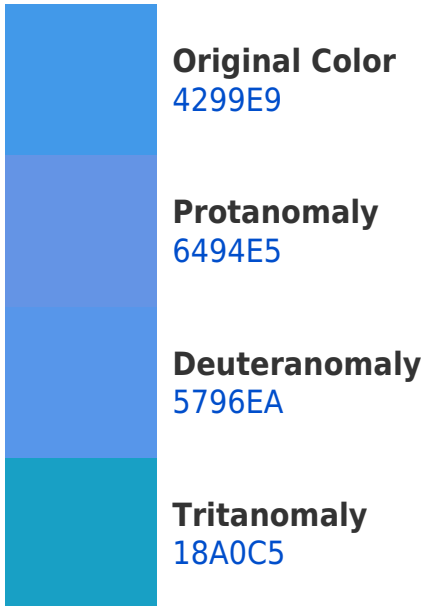
Dichromacy



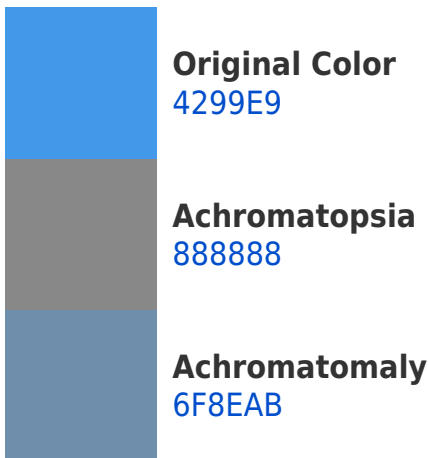


Tritanopia
00A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4299E9 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 #4299E9 looks like.

```
.text, #text, p{  
    color:#4299E9  
}
```

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 #4299E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4299E9
}
```

Border

The CSS property to change the border of an element to Hex 4299E9 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
#4299E9 }
```

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

```
.border{ border-color:#4299E9 }
```

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

Here you see how a box with a 4 pixel #4299E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4299E9; -webkit-box-shadow:4px 4px  
4px 4px #4299E9; box-shadow:4px 4px 4px  
4px #4299E9 }
```

Background

The CSS property to change the background color of an element to Hex 4299E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4299E9 }
```

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

```
.background{ background-color:#4299E9 }
```

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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