

Converting Colors

Hex(6299D7)

Have a look what the booklet for
Hex(6299D7) contains.

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Color

Hex(6299D7)

Conversions

Conversions Part 1

Format	Color
Hex	6299D7
RGB	98, 153, 215
RGB Percent	38%, 60%, 84%
CMY	0.6157, 0.4000, 0.1569
CMYK	0.54, 0.29, 0.00, 0.16
HSL	212°, 59%, 61%
HSV	212°, 54%, 84%
XYZ	28.6940, 30.2854, 68.6233
YIQ	143.6230, -52.6820, 7.6220

Conversions

Conversions Part 2

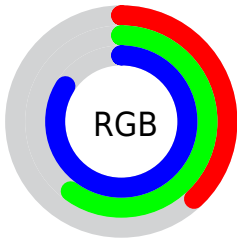
Format	Color
R _Y B	98, 135, 215
Decimal	6461911
CIE Lab	61.90, -0.36, -37.17
CIE LCh	62, 37.167, 269.451
Yxy	30.2854, 0.2249, 0.2373
Android (android.graphics.Color)	4284651991 (0xFF6299D7)
YUV	143.6230, 35.1889, -40.0114
Hunter-Lab	55.0322, -3.2358, -35.4101

Details

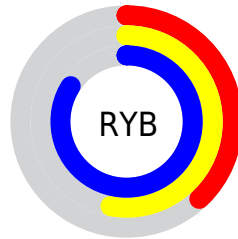
The Hex color **6299D7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D7A062**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9BCFFF**, and **2266A0** is the 20% darker color. If you saturate the color by 10%, you get **4D8ED7**, and if you desaturate by 10%, it is **78A4D7**.

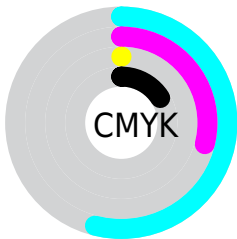
Distribution



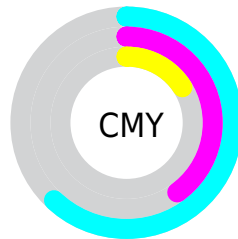
- Red (38%)
- Green (60%)
- Blue (84%)



- Red (38%)
- Yellow (53%)
- Blue (84%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6299D7 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 6299D7 by changing the saturation by 10% instead.

■ 6299D7

■ 6299D7

FFFFFF

■ 447FBB

■ 9BCFFF

■ 2266A0

■ B8EBFF

■ 004F85

■ D6FFFF

■ 00386C

■ F3FFFF

■ 002353

■ 000D3C

■ 000225

■ 00010E

■ 000000

■ 6299D7

■ 6299D7

■ 4D8ED7

■ 78A4D7

■ 3782D7

■ 8DB0D7

■ 2277D7

■ A3BBD7

■ 0C6BD7

■ B8C7D7

■ 0065D7

■ CED2D7

■ E3DDD7

■ F9E9D7

■ FFF4D7

■ FFFFD7

Harmonies

Analogous

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



13A2CD



6299D7



988DCF

Triad

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



6299D7



D47E77



61A473

Complementary

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



6299D7



D7A062

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.



899D5B



6299D7



C5885E

Square

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



6299D7



D27B97



AB9353



2EA794

Rectangle

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



6299D7



B385C1



AB9353



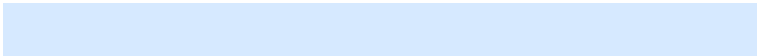
6FA26A

Sweetspot

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



6299D7



D6E9FF



62D79E



677380



000000



808080

Same Dimension

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



6299D7



59A7FF



6462D7



60656B



0050AB



00142B

Inverse Universe

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



D76299



FF59A7



D5D762



6B6065



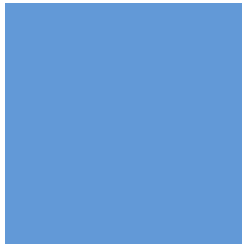
AB0050



2B0014

Previews

White Background



This preview shows how the Hex color 6299D7 looks on a white background.

Color Contrast Check

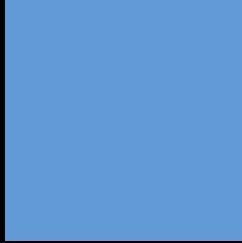
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6299D7 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

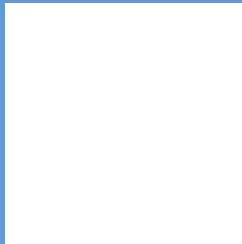
Any Text WCAG AAA ✓ Pass

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

Hex 6299D7 Background



This preview shows how black text looks on a background with the Hex color 6299D7.

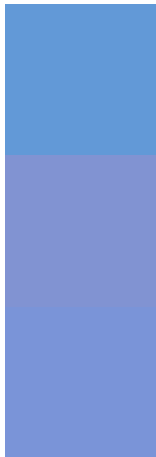


This preview shows how white text looks on a background with the Hex color 6299D7.

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](#).

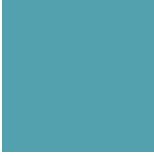
Dichromacy



Original Color
6299D7

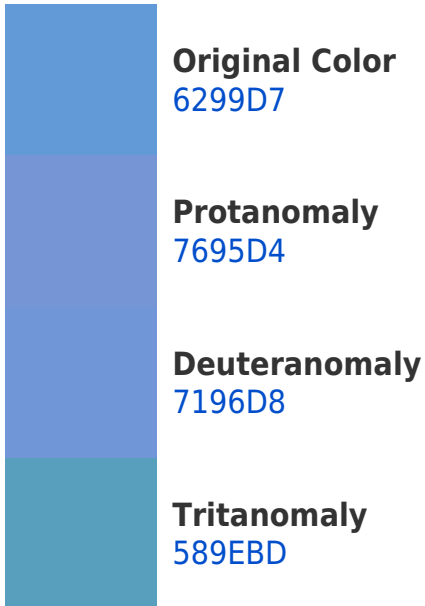
Protanopia
8193D2

Deuteranopia
7A94D8

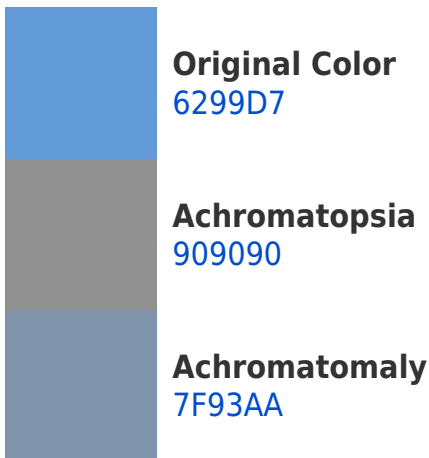


Tritanopia
53A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6299D7 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 #6299D7 looks like.

```
.text, #text, p{  
    color:#6299D7  
}
```

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 #6299D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6299D7
}
```

Border

The CSS property to change the border of an element to Hex 6299D7 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
#6299D7 }
```

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

```
.border{ border-color:#6299D7 }
```

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

Here you see how a box with a 4 pixel #6299D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6299D7; -webkit-box-shadow:4px 4px  
4px 4px #6299D7; box-shadow:4px 4px 4px  
4px #6299D7 }
```

Background

The CSS property to change the background color of an element to Hex 6299D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6299D7 }
```

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

```
.background{ background-color:#6299D7 }
```

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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