

Converting Colors

Hex(6296DB)

Have a look what the booklet for
Hex(6296DB) contains.

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Color

Hex(6296DB)

Conversions

Conversions Part 1

Format	Color
Hex	6296DB
RGB	98, 150, 219
RGB Percent	38%, 59%, 86%
CMY	0.6157, 0.4118, 0.1412
CMYK	0.55, 0.32, 0.00, 0.14
HSL	214°, 63%, 62%
HSV	214°, 55%, 86%
XYZ	28.7295, 29.5238, 71.2023
YIQ	142.3180, -53.1410, 10.4350

Conversions

Conversions Part 2

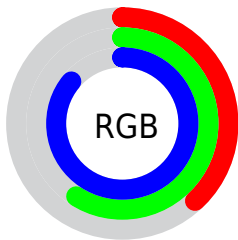
Format	Color
R _Y B	98, 134, 219
Decimal	6461147
CIE Lab	61.24, 2.62, -40.42
CIE LCh	61, 40.507, 273.710
Yxy	29.5238, 0.2219, 0.2281
Android (android.graphics.Color)	4284651227 (0xFF6296DB)
YUV	142.3180, 37.8042, -38.8669
Hunter-Lab	54.3358, -0.7076, -39.6592

Details

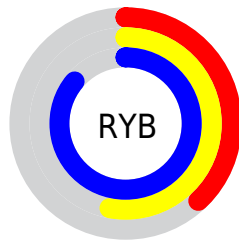
The Hex color **6296DB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DBA762**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9CCCCF**, and **2064A4** is the 20% darker color. If you saturate the color by 10%, you get **4C8ADB**, and if you desaturate by 10%, it is **78A2DB**.

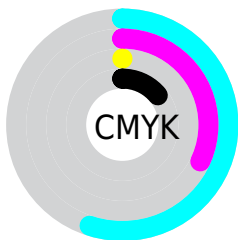
Distribution



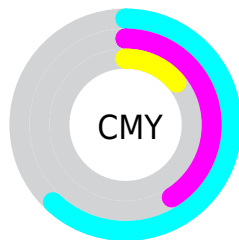
- Red (38%)
- Green (59%)
- Blue (86%)



- Red (38%)
- Yellow (53%)
- Blue (86%)



- Cyan (55%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (62%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6296DB 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 6296DB by changing the saturation by 10% instead.

■ 6296DB

■ 6296DB

FFFFFF

■ 447CBF

■ 9CCCCF

■ 2064A4

■ B9E8FF

■ 004C89

■ D6FFFF

■ 00366F

■ F4FFFF

■ 002156

■ 00093F

■ 000328

■ 000112

■ 000000

■ 6296DB

■ 6296DB

■ 4C8ADB

■ 78A2DB

■ 367DDB

■ 8EAFDB

■ 2071DB

■ A4BBDB

■ 0A64DB

■ BAC8DB

■ 005EDB

■ D0D4DB

■ E5E1DB

■ FBEDDB

■ FFFADB

■ FFFFDB

Harmonies

Analogous

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



00A0D3



6296DB



9D89CF

Triad

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



6296DB



D57B6E



52A473

Complementary

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



6296DB



DBA762

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.



809D56



6296DB



C48754

Square

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



6296DB



D77791



A6934B



00A697

Rectangle

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



6296DB



B980BF



A6934B



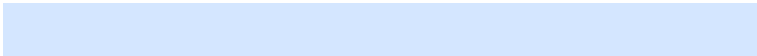
63A268

Sweetspot

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



6296DB



D4E6FF



62DBA7



667180



000000



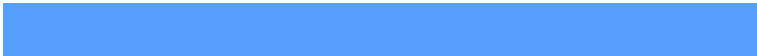
808080

Same Dimension

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



6296DB



579FFF



6A62DB



63676E



004BAD



00142E

Inverse Universe

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



DB6296



FF579F



D3DB62



6E6367



AD004B



2E0014

Previews

White Background



This preview shows how the Hex color 6296DB looks on a white background.

Color Contrast Check

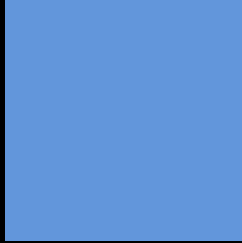
Large Text (above 18pt) WCAG AA ✓ Pass

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 6296DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

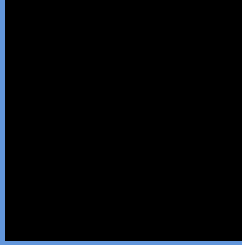
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

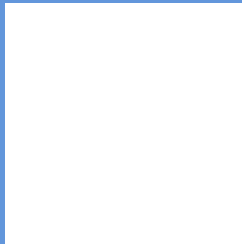
Any Text WCAG AAA × Fail

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

Hex 6296DB Background



This preview shows how black text looks on a background with the Hex color 6296DB.

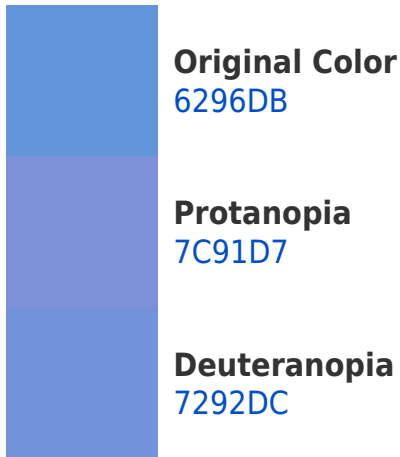


This preview shows how white text looks on a background with the Hex color 6296DB.

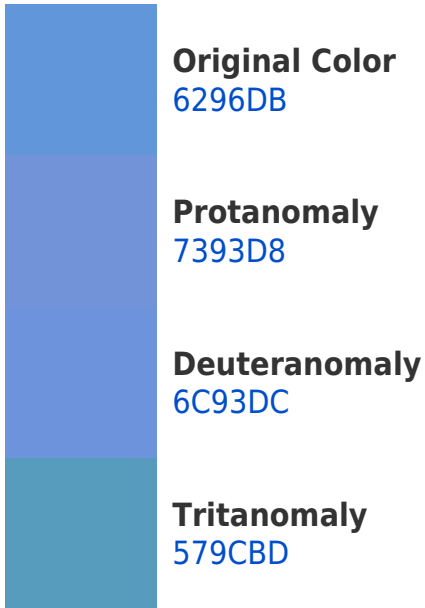
Color Blindness Simulation

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](#).

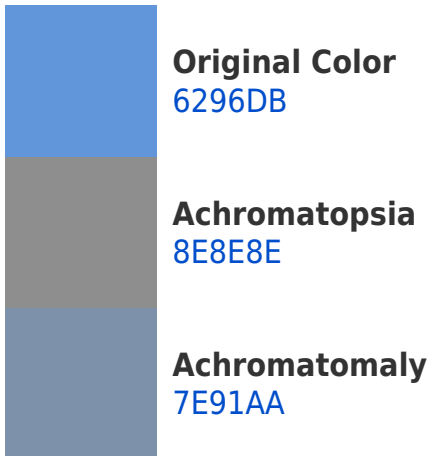
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6296DB 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 #6296DB looks like.

```
.text, #text, p{  
    color:#6296DB  
}
```

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 #6296DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6296DB
}
```

Border

The CSS property to change the border of an element to Hex 6296DB 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
#6296DB }
```

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

```
.border{ border-color:#6296DB }
```

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

Here you see how a box with a 4 pixel #6296DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6296DB; -webkit-box-shadow:4px 4px  
4px 4px #6296DB; box-shadow:4px 4px 4px  
4px #6296DB }
```

Background

The CSS property to change the background color of an element to Hex 6296DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6296DB }
```

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

```
.background{ background-color:#6296DB }
```

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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