

Converting Colors

Hex(6D9BDE)

Have a look what the booklet for
Hex(6D9BDE) contains.

Hex(6D9BDE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D9BDE)

Conversions

Conversions Part 1

Format	Color
Hex	6D9BDE
RGB	109, 155, 222
RGB Percent	43%, 61%, 87%
CMY	0.5725, 0.3922, 0.1294
CMYK	0.51, 0.30, 0.00, 0.13
HSL	216°, 63%, 65%
HSV	216°, 51%, 87%
XYZ	31.2128, 31.9678, 73.6326
YIQ	148.8840, -48.9230, 11.0850

Conversions

Conversions Part 2

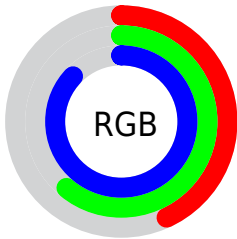
Format	Color
RYB	109, 142, 222
Decimal	7183326
CIELab	63.32, 3.08, -38.80
CIELCh	63, 38.919, 274.538
Yxy	31.9678, 0.2281, 0.2337
Android (android.graphics.Color)	4285373406 (0xFF6D9BDE)
YUV	148.8840, 36.0462, -34.9783
Hunter-Lab	56.5401, -0.4046, -37.6357

Details

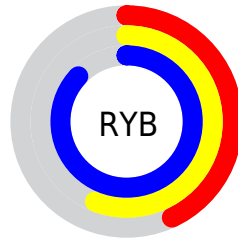
The Hex color **6D9BDE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEB06D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A6D1FF**, and **3168A7** is the 20% darker color. If you saturate the color by 10%, you get **578EDE**, and if you desaturate by 10%, it is **83A8DE**.

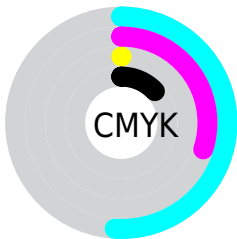
Distribution



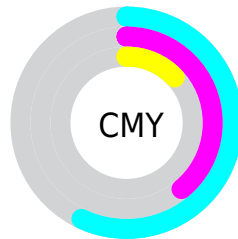
- Red (43%)
- Green (61%)
- Blue (87%)



- Red (43%)
- Yellow (56%)
- Blue (87%)



- Cyan (51%)
- Magenta (30%)
- Yellow (0%)
- Black (13%)



- Cyan (57%)
- Magenta (39%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D9BDE 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 6D9BDE by changing the saturation by 10% instead.

■ 6D9BDE

■ 6D9BDE

FFFFFF

■ 5081C2

■ A6D1FF

■ 3168A7

■ C3EDFF

■ 01508C

■ E0FFFF

■ 003A72

FEFFFF

■ 002559

■ 000F41

■ 00032B

■ 000115

■ 000000

■ 6D9BDE

■ 6D9BDE

■ 578EDE

■ 83A8DE

■ 4181DE

■ 99B5DE

■ 2A74DE

■ B0C2DE

■ 1466DE

■ C6D0DE

■ 005ADE

■ DCDDDE

■ F2EADE

■ FFF7DE

■ FFFFDE

Harmonies

Analogous

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



1BA5D7



6D9BDE



A48ED2

Triad

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



6D9BDE



D98274



5AA97A

Complementary

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



6D9BDE



DEB06D

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.



86A35F



6D9BDE



C78D5B

Square

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



6D9BDE



DB7D95



AA9953



18AC9E

Rectangle

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



6D9BDE



BF86C2



AA9953



6AA770

Sweetspot

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



6D9BDE



D9E8FF



6DDEAF



697280



000000



808080

Same Dimension

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



6D9BDE



63A3FF



766DDE



656A70



0048B0



001430

Inverse Universe

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



DE6D9B



FF63A3



D5DE6D



70656A



B00048



300014

Previews

White Background



This preview shows how the Hex color 6D9BDE looks on a white background.

Color Contrast Check

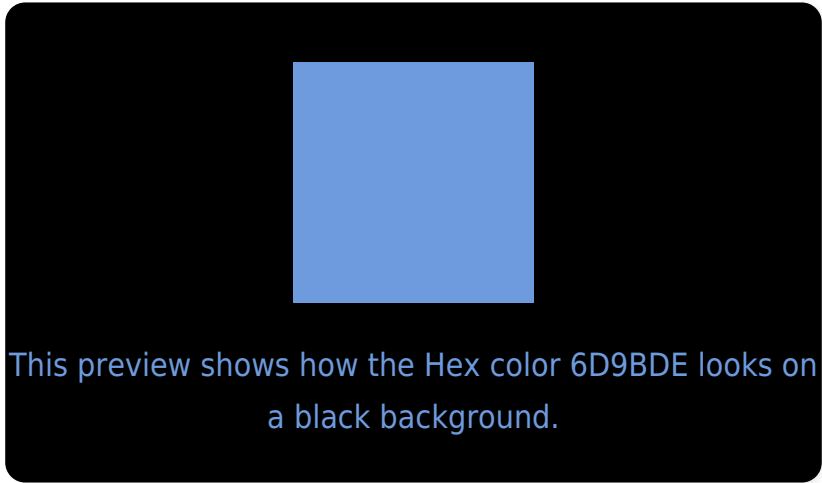
Large Text (above 18pt) WCAG AA × Fail

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

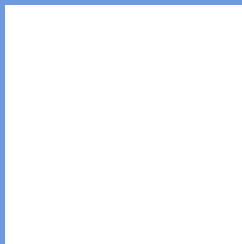
Any Text WCAG AAA ✓ Pass

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

Hex 6D9BDE Background



This preview shows how black text looks on a background with the Hex color 6D9BDE.

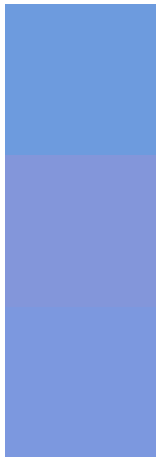


This preview shows how white text looks on a background with the Hex color 6D9BDE.

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
6D9BDE

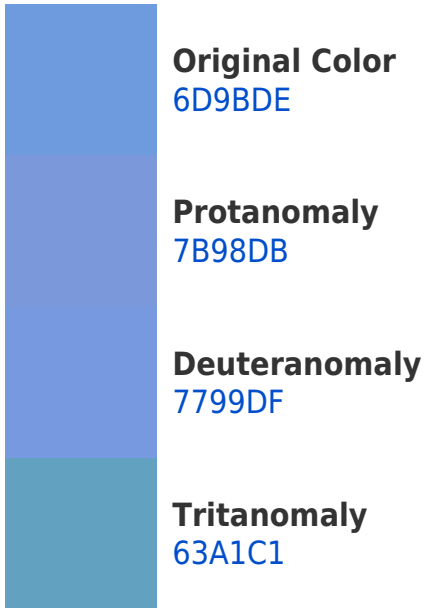
Protanopia
8396DA

Deuteranopia
7C98DF

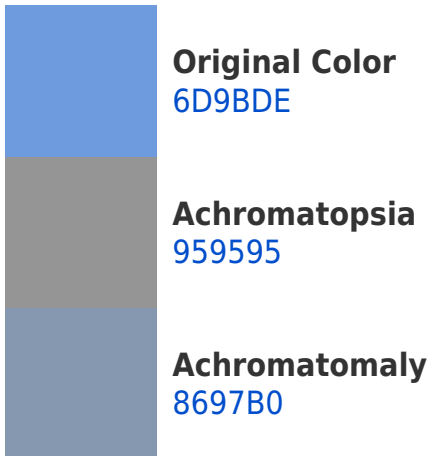


Tritanopia
5EA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D9BDE 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 #6D9BDE looks like.

```
.text, #text, p{  
    color:#6D9BDE  
}
```

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 #6D9BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D9BDE
}
```

Border

The CSS property to change the border of an element to Hex 6D9BDE 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
#6D9BDE }
```

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

```
.border{ border-color:#6D9BDE }
```

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

Here you see how a box with a 4 pixel #6D9BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D9BDE; -webkit-box-shadow:4px 4px  
4px 4px #6D9BDE; box-shadow:4px 4px 4px  
4px #6D9BDE }
```

Background

The CSS property to change the background color of an element to Hex 6D9BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D9BDE }
```

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

```
.background{ background-color:#6D9BDE }
```

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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