

Converting Colors

Hex(6DA5E9)

Have a look what the booklet for
Hex(6DA5E9) contains.

Hex(6DA5E9)	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(6DA5E9)

Conversions

Conversions Part 1

Format	Color
Hex	6DA5E9
RGB	109, 165, 233
RGB Percent	43%, 65%, 91%
CMY	0.5725, 0.3529, 0.0863
CMYK	0.53, 0.29, 0.00, 0.09
HSL	213°, 74%, 67%
HSV	213°, 53%, 91%
XYZ	34.4698, 36.0447, 82.2314
YIQ	156.0080, -55.2040, 9.2760

Conversions

Conversions Part 2

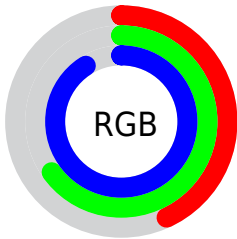
Format	Color
RYB	109, 148, 233
Decimal	7185897
CIELab	66.55, 0.73, -39.80
CIELCh	67, 39.805, 271.046
Yxy	36.0447, 0.2257, 0.2360
Android (android.graphics.Color)	4285375977 (0xFF6DA5E9)
YUV	156.0080, 37.9571, -41.2260
Hunter-Lab	60.0372, -2.5811, -39.1819

Details

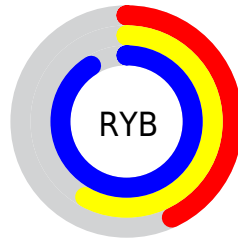
The Hex color **6DA5E9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E9B16D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A7DCFF**, and **2E72B1** is the 20% darker color. If you saturate the color by 10%, you get **5698E9**, and if you desaturate by 10%, it is **84B2E9**.

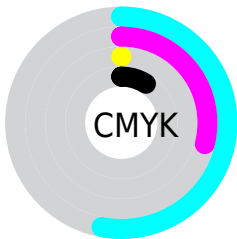
Distribution



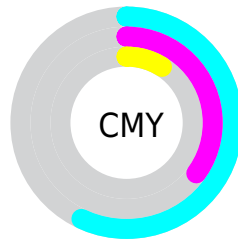
- Red (43%)
- Green (65%)
- Blue (91%)



- Red (43%)
- Yellow (58%)
- Blue (91%)



- Cyan (53%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (57%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA5E9 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 6DA5E9 by changing the saturation by 10% instead.

 6DA5E9

 6DA5E9

FFFFFF

 4F8BCD

 A7DCFF

 2E72B1

 C4F8FF

 005996

 E2FFFF

 00427C

 002D63

 00194A

 000433

 00021D

 000000

■ 6DA5E9

■ 6DA5E9

■ 5698E9

■ 84B2E9

■ 3E8BE9

■ 9CBFE9

■ 277FE9

■ B3CBE9

■ 1072E9

■ CAD8E9

■ 0069E9

■ E2E5E9

■ F9F2E9

■ FFFEE9

■ FFFFE9

Harmonies

Analogous

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



16AFE0



6DA5E9



A798DF

Triad

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



6DA5E9



E5897F



67B27E

Complementary

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



6DA5E9



E9B16D

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.



92AB63



6DA5E9



D59464

Square

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



6DA5E9



E485A2



B7A059



2CB5A2

Rectangle

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



6DA5E9



C48FCF



B7A059



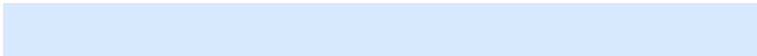
76B074

Sweetspot

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



6DA5E9



D6E9FF



6DE9AF



677280



000000



808080

Same Dimension

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



6DA5E9



5CA6FF



716DE9



6A6F75



0052B5



001836

Inverse Universe

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



E96DA5



FF5CA6



E5E96D



756A6F



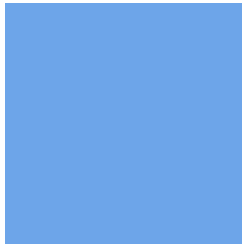
B50052



360018

Previews

White Background



This preview shows how the Hex color 6DA5E9 looks on a white background.

Color Contrast Check

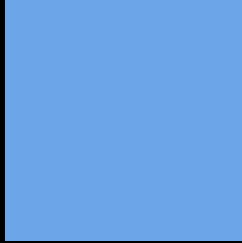
Large Text (above 18pt) WCAG AA × Fail

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 6DA5E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

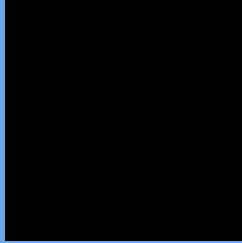
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

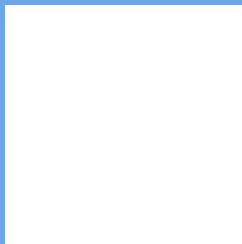
Any Text WCAG AAA ✓ Pass

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

Hex 6DA5E9 Background



This preview shows how black text looks on a background with the Hex color 6DA5E9.

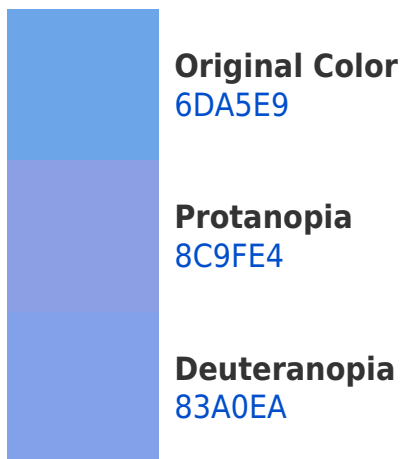


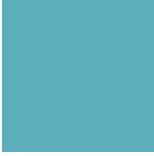
This preview shows how white text looks on a background with the Hex color 6DA5E9.

Color Blindness Simulation

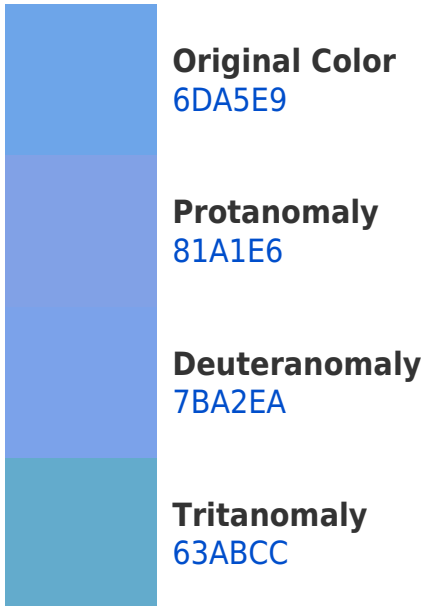
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

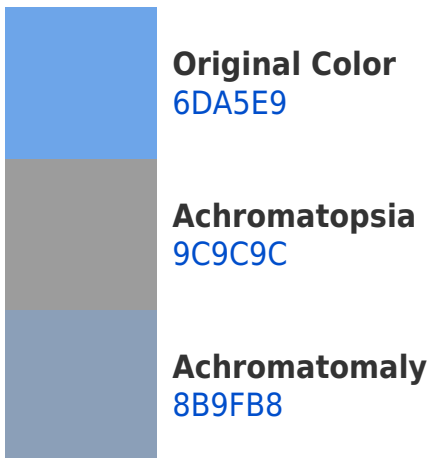




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA5E9 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 #6DA5E9 looks like.

```
.text, #text, p{  
    color:#6DA5E9  
}
```

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 #6DA5E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA5E9
}
```

Border

The CSS property to change the border of an element to Hex 6DA5E9 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
#6DA5E9 }
```

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

```
.border{ border-color:#6DA5E9 }
```

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

Here you see how a box with a 4 pixel #6DA5E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA5E9; -webkit-box-shadow:4px 4px  
4px 4px #6DA5E9; box-shadow:4px 4px 4px  
4px #6DA5E9 }
```

Background

The CSS property to change the background color of an element to Hex 6DA5E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA5E9 }
```

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

```
.background{ background-color:#6DA5E9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor