

Converting Colors

Hex(6DA7E5)

Have a look what the booklet for
Hex(6DA7E5) contains.

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Color

Hex(6DA7E5)

Conversions

Conversions Part 1

Format	Color
Hex	6DA7E5
RGB	109, 167, 229
RGB Percent	43%, 65%, 90%
CMY	0.5725, 0.3451, 0.1020
CMYK	0.52, 0.27, 0.00, 0.10
HSL	211°, 70%, 66%
HSV	211°, 52%, 90%
XYZ	34.2682, 36.5458, 79.3767
YIQ	156.7260, -54.4700, 6.9860

Conversions

Conversions Part 2

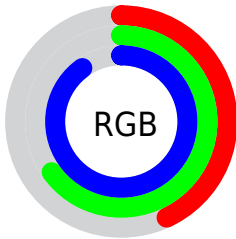
Format	Color
RYB	109, 148, 229
Decimal	7186405
CIELab	66.93, -1.61, -37.01
CIElCh	67, 37.045, 267.508
Yxy	36.5458, 0.2282, 0.2433
Android (android.graphics.Color)	4285376485 (0xFF6DA7E5)
YUV	156.7260, 35.6311, -41.8557
Hunter-Lab	60.4531, -4.6090, -35.5323

Details

The Hex color **6DA7E5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E5AB6D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A7DEFF**, and **2F73AD** is the 20% darker color. If you saturate the color by 10%, you get **569BE5**, and if you desaturate by 10%, it is **84B3E5**.

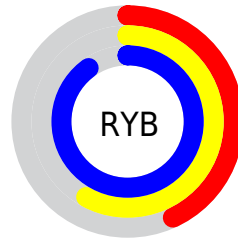
Distribution



Red (43%)

Green (65%)

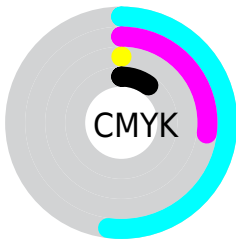
Blue (90%)



Red (43%)

Yellow (58%)

Blue (90%)

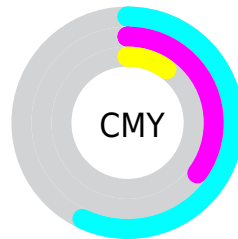


Cyan (52%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (57%)

Magenta (35%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA7E5 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 6DA7E5 by changing the saturation by 10% instead.

■ 6DA7E5

■ 6DA7E5

FFFFFF

■ 508DC9

■ A7DEFF

■ 2F73AD

■ C4FAFF

■ 005B92

■ E1FFFF

■ 004478

■ 002E5F

■ 001A47

■ 000430

■ 00011B

■ 000000

■ 6DA7E5

■ 6DA7E5

■ 569BE5

■ 84B3E5

■ 3F8FE5

■ 9BBFE5

■ 2884E5

■ B2CAE5

■ 1178E5

■ C9D6E5

■ 006FE5

■ E0E2E5

■ F6EEE5

■ FFFAE5

■ FFFF5

Harmonies

Analogous

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



2EB0DA



6DA7E5



A39BDE

Triad

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



6DA7E5



E38B86



72B17E

Complementary

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



6DA7E5



E5AB6D

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.



99AA67



6DA7E5



D5946C

Square

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



6DA7E5



E089A7



BBA060



44B49F

Rectangle

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



6DA7E5



BF93D0



BBA060



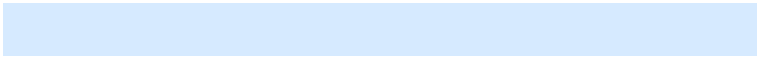
7FAF75

Sweetspot

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



6DA7E5



D6EAFB



6DE5AB



677380



000000



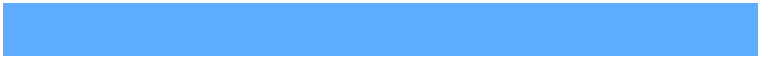
808080

Same Dimension

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



6DA7E5



5EACFF



6F6DE5



676D73



0056B3



001933

Inverse Universe

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



E56DA7



FF5EAC



E3E56D



73676D



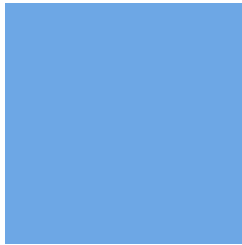
B30056



330019

Previews

White Background



This preview shows how the Hex color 6DA7E5 looks on a white background.

Color Contrast Check

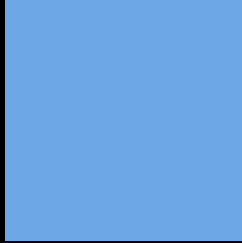
Large Text (above 18pt) WCAG AA × Fail

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 6DA7E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

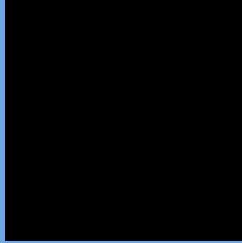
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

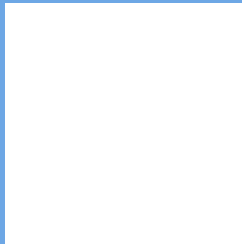
Any Text WCAG AAA ✓ Pass

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

Hex 6DA7E5 Background



This preview shows how black text looks on a background with the Hex color 6DA7E5.

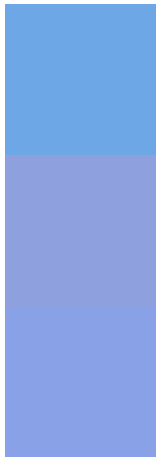


This preview shows how white text looks on a background with the Hex color 6DA7E5.

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](#).

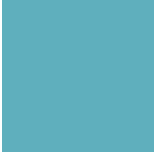
Dichromacy



Original Color
6DA7E5

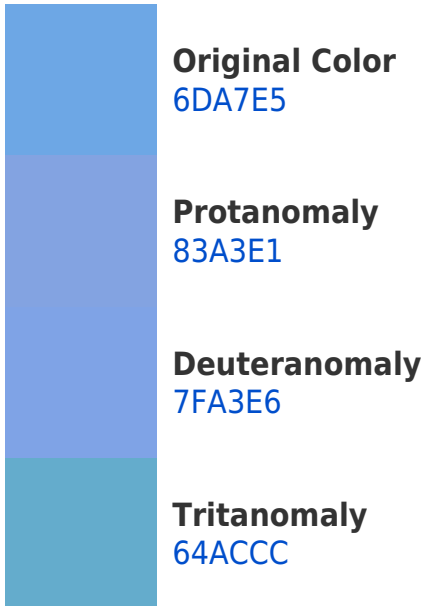
Protanopia
8FA0DF

Deuteranopia
89A1E6

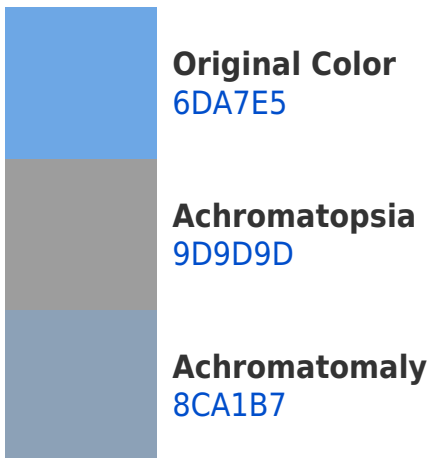


Tritanopia
5FAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA7E5 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 #6DA7E5 looks like.

```
.text, #text, p{  
    color:#6DA7E5  
}
```

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 #6DA7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA7E5  
}
```

Border

The CSS property to change the border of an element to Hex 6DA7E5 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  
#6DA7E5 }
```

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

```
.border{ border-color:#6DA7E5 }
```

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

Here you see how a box with a 4 pixel #6DA7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA7E5; -webkit-box-shadow:4px 4px  
4px 4px #6DA7E5; box-shadow:4px 4px 4px  
4px #6DA7E5 }
```

Background

The CSS property to change the background color of an element to Hex 6DA7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA7E5 }
```

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

```
.background{ background-color:#6DA7E5 }
```

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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