

Converting Colors

Hex(6D9AE8)

Have a look what the booklet for
Hex(6D9AE8) contains.

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Color

Hex(6D9AE8)

Conversions

Conversions Part 1

Format	Color
Hex	6D9AE8
RGB	109, 154, 232
RGB Percent	43%, 60%, 91%
CMY	0.5725, 0.3961, 0.0902
CMYK	0.53, 0.34, 0.00, 0.09
HSL	218°, 73%, 67%
HSV	218°, 53%, 91%
XYZ	32.4278, 32.1886, 80.8478
YIQ	149.4370, -51.8580, 14.7180

Conversions

Conversions Part 2

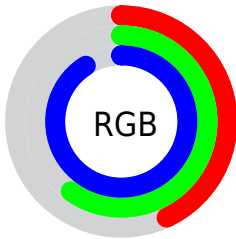
Format	Color
RYB	109, 142, 232
Decimal	7183080
CIELab	63.50, 6.71, -44.04
CIElCh	63, 44.548, 278.667
Yxy	32.1886, 0.2229, 0.2213
Android (android.graphics.Color)	4285373160 (0xFF6D9AE8)
YUV	149.4370, 40.7036, -35.4632
Hunter-Lab	56.7350, 2.7382, -44.7742

Details

The Hex color **6D9AE8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E8BB6D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A7D0FF**, and **2E67B0** is the 20% darker color. If you saturate the color by 10%, you get **568BE8**, and if you desaturate by 10%, it is **84A9E8**.

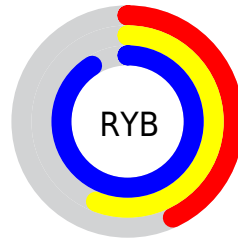
Distribution



Red (43%)

Green (60%)

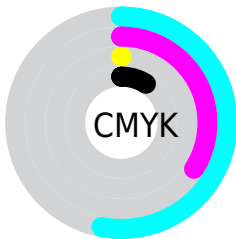
Blue (91%)



Red (43%)

Yellow (56%)

Blue (91%)

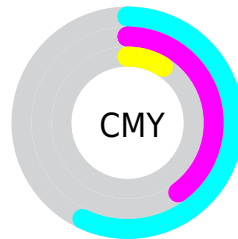


Cyan (53%)

Magenta (34%)

Yellow (0%)

Black (9%)



Cyan (57%)

Magenta (40%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D9AE8 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 6D9AE8 by changing the saturation by 10% instead.

 6D9AE8

 6D9AE8

FFFFFF

 4F80CC

 A7D0FF

 2E67B0

 C4ECFF

 005095

 E2FFFF

 00397B

 002461

 000F49

 000432

 00011C

 000000

■ 6D9AE8

■ 6D9AE8

■ 568BE8

■ 84A9E8

■ 3F7DE8

■ 9BB7E8

■ 276EE8

■ B3C6E8

■ 105FE8

■ CAD5E8

■ 0055E8

■ E1E4E8

■ F8F2E8

■ FFFFE8

Harmonies

Analogous

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



00A6E3



6D9AE8



AC8BD8

Triad

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



6D9AE8



E0806A



44AC7C

Complementary

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



6D9AE8



E8BB6D

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.



7CA65A



6D9AE8



C98D50

Square

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



6D9AE8



E57990



A79B49



00AEA4

Rectangle

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



6D9AE8



C981C4



A79B49



5AAA6F

Sweetspot

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



6D9AE8



D6E5FF



6DE8BB



677080



000000



808080

Same Dimension

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



6D9AE8



5C98FF



7D6DE8



676B73



0041B3



001333

Inverse Universe

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



E86D9A



FF5C98



D8E86D



73676B



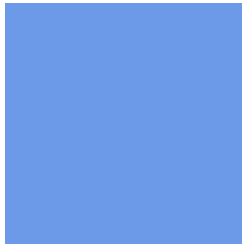
B30041



330013

Previews

White Background



This preview shows how the Hex color 6D9AE8 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 6D9AE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

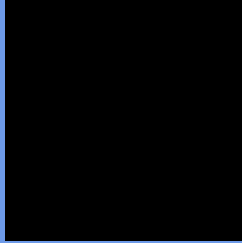
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

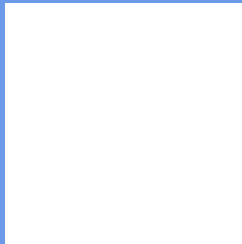
Any Text WCAG AAA ✓ Pass

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

Hex 6D9AE8 Background



This preview shows how black text looks on a background with the Hex color 6D9AE8.



This preview shows how white text looks on a background with the Hex color 6D9AE8.

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](#).

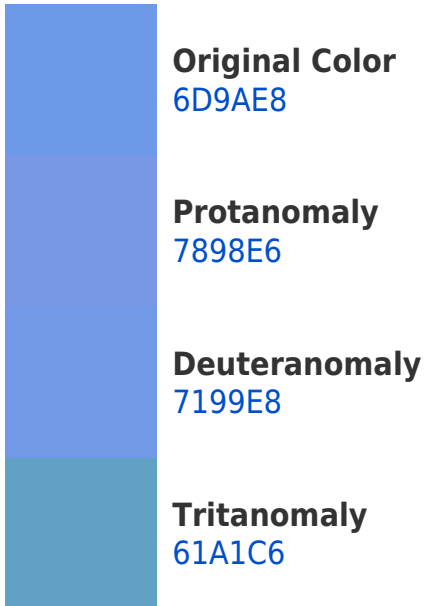
Dichromacy





Tritanopia
5AA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D9AE8 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 #6D9AE8 looks like.

```
.text, #text, p{  
    color:#6D9AE8  
}
```

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 #6D9AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D9AE8  
}
```

Border

The CSS property to change the border of an element to Hex 6D9AE8 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  
#6D9AE8 }
```

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

```
.border{ border-color:#6D9AE8 }
```

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

Here you see how a box with a 4 pixel #6D9AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D9AE8; -webkit-box-shadow:4px 4px  
4px 4px #6D9AE8; box-shadow:4px 4px 4px  
4px #6D9AE8 }
```

Background

The CSS property to change the background color of an element to Hex 6D9AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D9AE8 }
```

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

```
.background{ background-color:#6D9AE8 }
```

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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