

Converting Colors

Hex(64A5D0)

Have a look what the booklet for
Hex(64A5D0) contains.

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Color

Hex(64A5D0)

Conversions

Conversions Part 1

Format	Color
Hex	64A5D0
RGB	100, 165, 208
RGB Percent	39%, 65%, 82%
CMY	0.6078, 0.3529, 0.1843
CMYK	0.52, 0.21, 0.00, 0.18
HSL	204°, 53%, 60%
HSV	204°, 52%, 82%
XYZ	30.0958, 34.1737, 64.6845
YIQ	150.4670, -52.5430, -0.4070

Conversions

Conversions Part 2

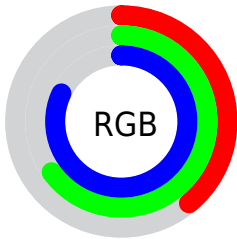
Format	Color
RYB	100, 141, 208
Decimal	6596048
CIELab	65.10, -8.78, -28.30
CIELCh	65, 29.631, 252.773
Yxy	34.1737, 0.2334, 0.2650
Android (android.graphics.Color)	4284786128 (0xFF64A5D0)
YUV	150.4670, 28.3638, -44.2596
Hunter-Lab	58.4582, -10.4055, -24.6840

Details

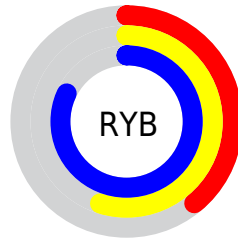
The Hex color **64A5D0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D08F64**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9DDCFF**, and **277199** is the 20% darker color. If you saturate the color by 10%, you get **4F9DD0**, and if you desaturate by 10%, it is **79ADD0**.

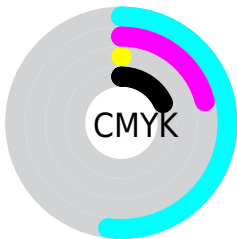
Distribution



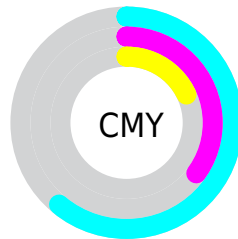
- Red (39%)
- Green (65%)
- Blue (82%)



- Red (39%)
- Yellow (55%)
- Blue (82%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (61%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A5D0 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 64A5D0 by changing the saturation by 10% instead.

■ 64A5D0

■ 64A5D0

FFFFFF

■ 478BB4

■ 9DDCFF

■ 277199

■ BAF8FF

■ 00597F

■ D7FFFF

■ 004266

■ F4FFFF

■ 002C4E

■ 001837

■ 000221

■ 000006

■ 000000

■ 64A5D0

■ 64A5D0

■ 4F9DD0

■ 79ADD0

■ 3A94D0

■ 8EB6D0

■ 268CD0

■ A2BED0

■ 1184D0

■ B7C6D0

■ 007DD0

■ CCCED0

■ E1D7D0

■ F6DFD0

■ FFE7D0

■ FFF0D0

Harmonies

Analogous

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



48AAC1



64A5D0



8C9DD1

Triad

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



64A5D0



D38A93



87A776

Complementary

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



64A5D0



D08F64

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.



A5A06A



64A5D0



CE8F7B

Square

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



64A5D0



C98CAE



BE976C



68AB8D

Rectangle

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



64A5D0



A596CB



BE976C



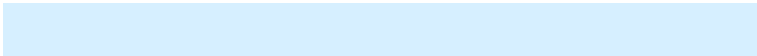
92A571

Sweetspot

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



64A5D0



D6EFFF



64D08D



677680



000000



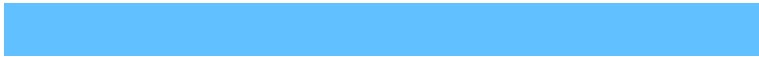
808080

Same Dimension

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



64A5D0



61C0FF



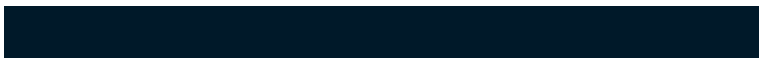
6471D0



5E6469



0065A8



001929

Inverse Universe

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



D064A5



FF61C0



D0C364



695E64



A80065



290019

Previews

White Background



This preview shows how the Hex color 64A5D0 looks on a white background.

Color Contrast Check

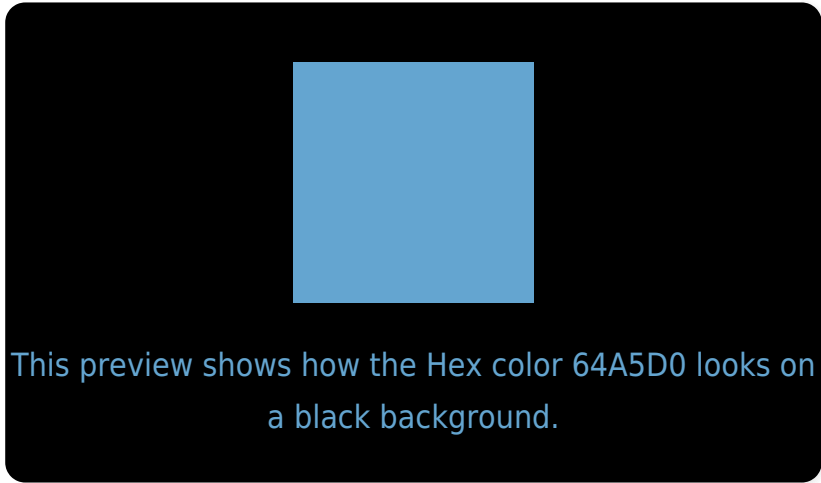
Large Text (above 18pt) WCAG AA × Fail

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

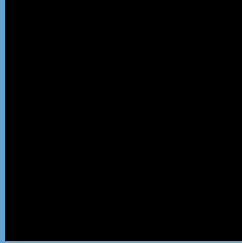
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

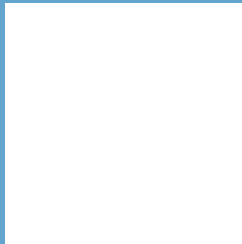
Any Text WCAG AAA ✓ Pass

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

Hex 64A5D0 Background



This preview shows how black text looks on a background with the Hex color 64A5D0.

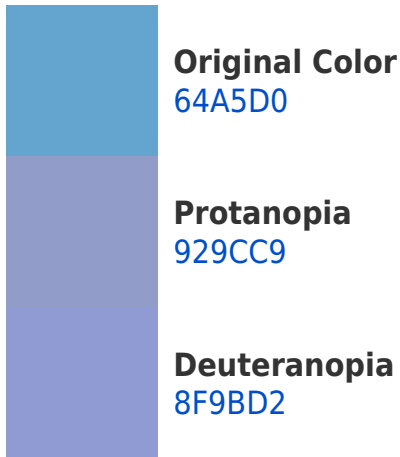


This preview shows how white text looks on a background with the Hex color 64A5D0.

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](#).

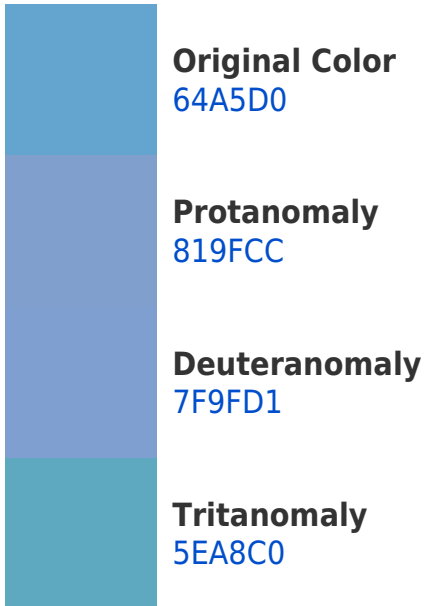
Dichromacy



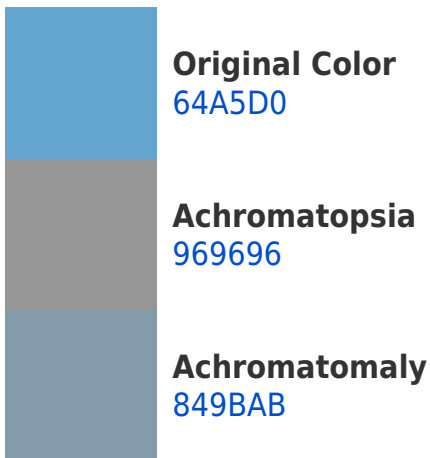


Tritanopia
5BA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A5D0 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 #64A5D0 looks like.

```
.text, #text, p{  
    color:#64A5D0  
}
```

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 #64A5D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A5D0
}
```

Border

The CSS property to change the border of an element to Hex 64A5D0 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
#64A5D0 }
```

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

```
.border{ border-color:#64A5D0 }
```

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

Here you see how a box with a 4 pixel #64A5D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A5D0; -webkit-box-shadow:4px 4px  
4px 4px #64A5D0; box-shadow:4px 4px 4px  
4px #64A5D0 }
```

Background

The CSS property to change the background color of an element to Hex 64A5D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A5D0 }
```

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

```
.background{ background-color:#64A5D0 }
```

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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