

Converting Colors

Hex(65A0DE)

Have a look what the booklet for
Hex(65A0DE) contains.

Hex(65A0DE)	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(65A0DE)

Conversions

Conversions Part 1

Format	Color
Hex	65A0DE
RGB	101, 160, 222
RGB Percent	40%, 63%, 87%
CMY	0.6039, 0.3725, 0.1294
CMYK	0.55, 0.28, 0.00, 0.13
HSL	211°, 65%, 63%
HSV	211°, 55%, 87%
XYZ	31.1225, 33.1822, 73.8717
YIQ	149.4270, -55.0660, 6.7740

Conversions

Conversions Part 2

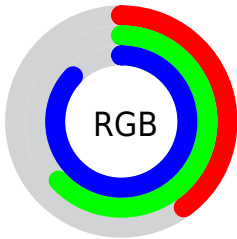
Format	Color
RYB	101, 141, 222
Decimal	6660318
CIELab	64.31, -1.53, -37.28
CIElCh	64, 37.308, 267.650
Yxy	33.1822, 0.2252, 0.2401
Android (android.graphics.Color)	4284850398 (0xFF65A0DE)
YUV	149.4270, 35.7785, -42.4705
Hunter-Lab	57.6040, -4.3666, -35.7110

Details

The Hex color **65A0DE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEA365**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9FD7FF**, and **246DA7** is the 20% darker color. If you saturate the color by 10%, you get **4F95DE**, and if you desaturate by 10%, it is **7BABDE**.

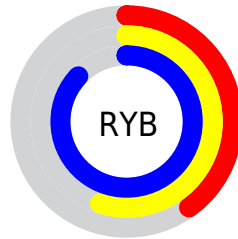
Distribution



Red (40%)

Green (63%)

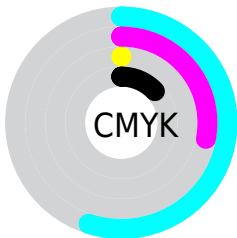
Blue (87%)



Red (40%)

Yellow (55%)

Blue (87%)

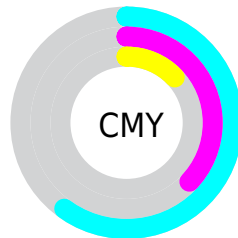


Cyan (55%)

Magenta (28%)

Yellow (0%)

Black (13%)



Cyan (60%)

Magenta (37%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A0DE 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 65A0DE by changing the saturation by 10% instead.

■ 65A0DE

■ 65A0DE

FFFFFF

■ 4786C2

■ 9FD7FF

■ 246DA7

■ BCF3FF

■ 00558C

■ D9FFFF

■ 003E72

■ F7FFFF

■ 002859

■ 001441

■ 00032B

■ 000115

■ 000000

 65A0DE

 65A0DE

 4F95DE

 7BABDE

 3989DE

 91B7DE

 227EDE

 A8C2DE

 0C72DE

 BECEDE

 006CDE

 D4D9DE

 EAE4DE

 FFF0DE

 FFFBDE

 FFFFDE

Harmonies

Analogous

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



1CA9D3



65A0DE



9C94D7

Triad

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



65A0DE



DC847F



6AAA77

Complementary

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



65A0DE



DEA365

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.



92A360



65A0DE



CE8D65

Square

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



65A0DE



D982A0



B49959



3AAD98

Rectangle

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



65A0DE



B88CC9



B49959



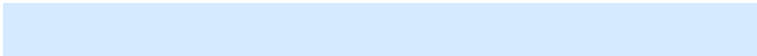
78A86E

Sweetspot

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



65A0DE



D6EAFF



65DEA2



677380



000000



808080

Same Dimension

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



65A0DE



59AAFF



6565DE



656A70



0056B0



001830

Inverse Universe

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



DE65A0



FF59AA



DEDE65



70656A



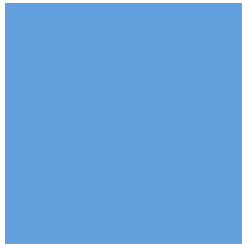
B00056



300018

Previews

White Background



This preview shows how the Hex color 65A0DE looks on a white background.

Color Contrast Check

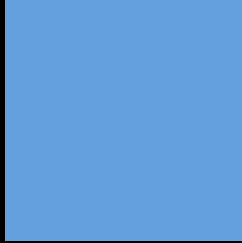
Large Text (above 18pt) WCAG AA × Fail

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 65A0DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

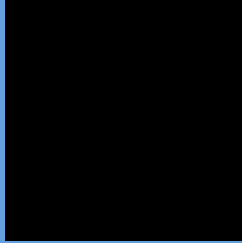
Any Text WCAG AA ✓ Pass

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 65A0DE Background



This preview shows how black text looks on a background with the Hex color 65A0DE.



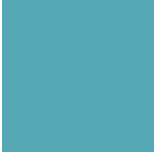
This preview shows how white text looks on a background with the Hex color 65A0DE.

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](#).

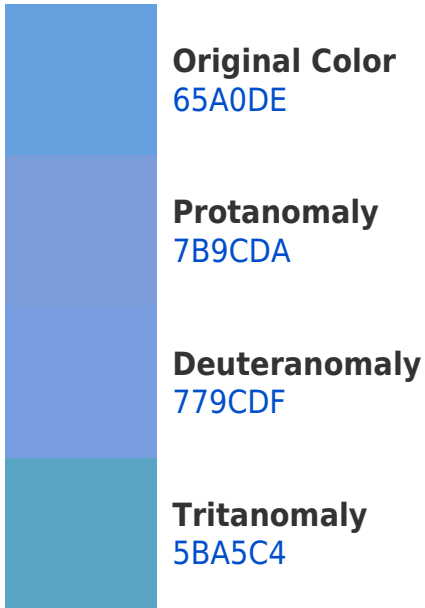
Dichromacy



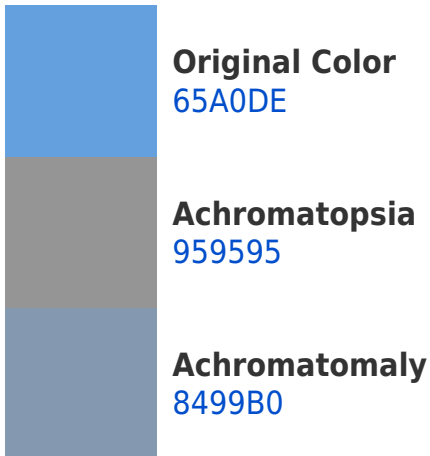


Tritanopia
56A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65A0DE 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 #65A0DE looks like.

```
.text, #text, p{  
    color:#65A0DE  
}
```

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 #65A0DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A0DE
}
```

Border

The CSS property to change the border of an element to Hex 65A0DE 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
#65A0DE }
```

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

```
.border{ border-color:#65A0DE }
```

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

Here you see how a box with a 4 pixel #65A0DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A0DE; -webkit-box-shadow:4px 4px  
4px 4px #65A0DE; box-shadow:4px 4px 4px  
4px #65A0DE }
```

Background

The CSS property to change the background color of an element to Hex 65A0DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A0DE }
```

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

```
.background{ background-color:#65A0DE }
```

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