

Converting Colors

Hex(61ADE2)

Have a look what the booklet for
Hex(61ADE2) contains.

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Color

Hex(61ADE2)

Conversions

Conversions Part 1

Format	Color
Hex	61ADE2
RGB	97, 173, 226
RGB Percent	38%, 68%, 89%
CMY	0.6196, 0.3216, 0.1137
CMYK	0.57, 0.23, 0.00, 0.11
HSL	205°, 69%, 63%
HSV	205°, 57%, 89%
XYZ	33.6008, 37.9195, 77.4998
YIQ	156.3180, -62.3090, 0.3710

Conversions

Conversions Part 2

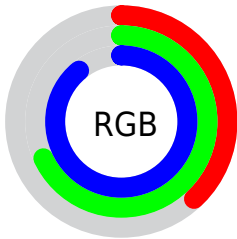
Format	Color
R _Y B	97, 145, 226
Decimal	6401506
CIE Lab	67.96, -8.36, -33.81
CIE LCh	68, 34.828, 256.111
Yxy	37.9195, 0.2255, 0.2545
Android (android.graphics.Color)	4284591586 (0xFF61ADE2)
YUV	156.3180, 34.3532, -52.0219
Hunter-Lab	61.5788, -10.3635, -31.5140

Details

The Hex color **61ADE2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E29661**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9CE4FF**, and **1A79AA** is the 20% darker color. If you saturate the color by 10%, you get **4AA4E2**, and if you desaturate by 10%, it is **78B6E2**.

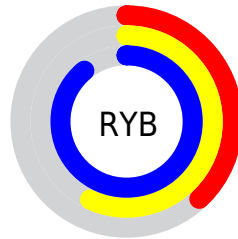
Distribution



Red (38%)

Green (68%)

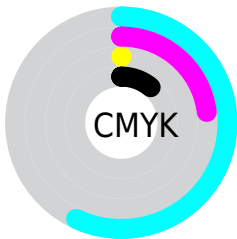
Blue (89%)



Red (38%)

Yellow (57%)

Blue (89%)

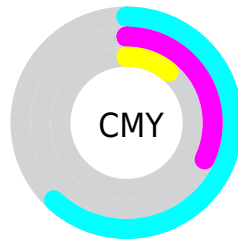


Cyan (57%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61ADE2 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 61ADE2 by changing the saturation by 10% instead.

■ 61ADE2

■ 61ADE2

FFFFFF

■ 4292C6

■ 9CE4FF

■ 1A79AA

■ B9FFFF

■ 006090

■ D7FFFF

■ 004976

■ F5FFFF

■ 00325D

■ 001E45

■ 00042F

■ 000119

■ 000000

■ 61ADE2

■ 61ADE2

■ 4AA4E2

■ 78B6E2

■ 349AE2

■ 8EC0E2

■ 1D91E2

■ A5C9E2

■ 0788E2

■ BBD2E2

■ 0085E2

■ D2DBE2

■ E9E5E2

■ FFEEE2

■ FFF7E2

■ FFFFE2

Harmonies

Analogous

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



34B4D2



61ADE2



94A3E2

Triad

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



61ADE2



E48E96



86B179

Complementary

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



61ADE2



E29661

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.



AAA968



61ADE2



DC947A

Square

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



61ADE2



DA8FB6



C89F69



5FB695

Rectangle

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



61ADE2



B29BD8



C89F69



93AF72

Sweetspot

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



61ADE2



D4EDFF



61E295



667580



000000



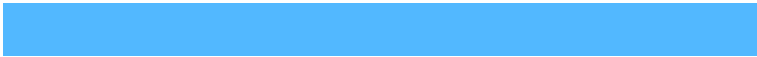
808080

Same Dimension

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



61ADE2



52B8FF



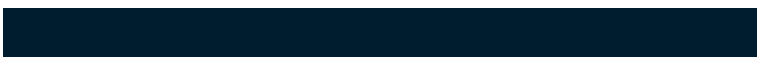
616EE2



656C70



0068B0



001D30

Inverse Universe

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



E261AD



FF52B8



E2D561



70656C



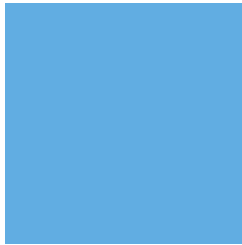
B00068



30001D

Previews

White Background



This preview shows how the Hex color 61ADE2 looks on a white background.

Color Contrast Check

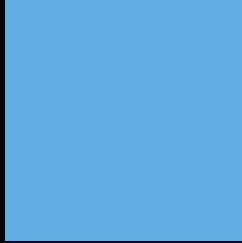
Large Text (above 18pt) WCAG AA × Fail

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 61ADE2 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

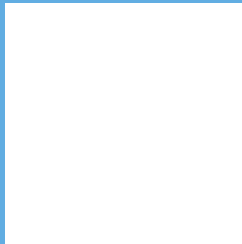
Any Text WCAG AAA ✓ Pass

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

Hex 61ADE2 Background



This preview shows how black text looks on a background with the Hex color 61ADE2.

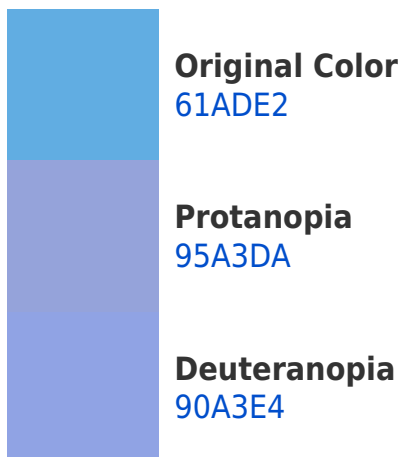


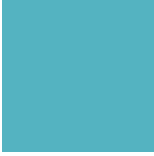
This preview shows how white text looks on a background with the Hex color 61ADE2.

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](#).

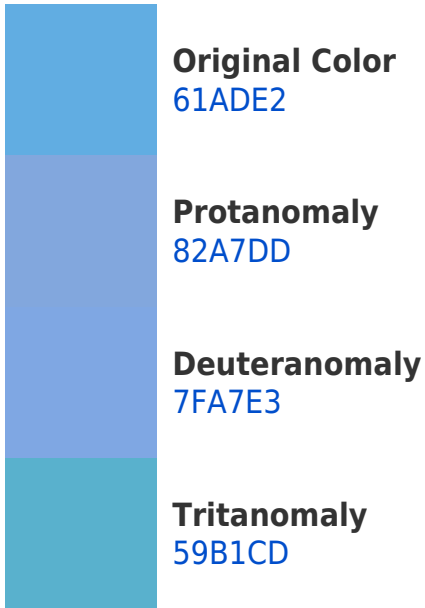
Dichromacy



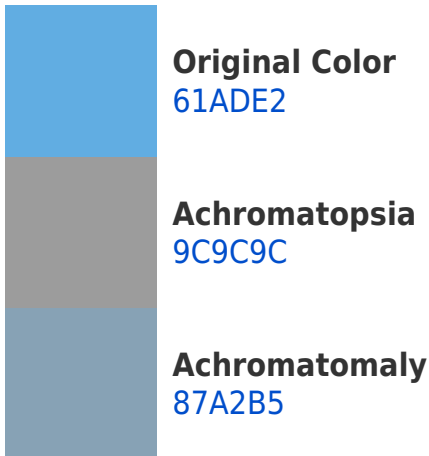


Tritanopia
54B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61ADE2 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 #61ADE2 looks like.

```
.text, #text, p{  
    color:#61ADE2  
}
```

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 #61ADE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61ADE2
}
```

Border

The CSS property to change the border of an element to Hex 61ADE2 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
#61ADE2 }
```

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

```
.border{ border-color:#61ADE2 }
```

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

Here you see how a box with a 4 pixel #61ADE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61ADE2; -webkit-box-shadow:4px 4px  
4px 4px #61ADE2; box-shadow:4px 4px 4px  
4px #61ADE2 }
```

Background

The CSS property to change the background color of an element to Hex 61ADE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61ADE2 }
```

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

```
.background{ background-color:#61ADE2 }
```

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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