

Converting Colors

Hex(61E8DB)

Have a look what the booklet for
Hex(61E8DB) contains.

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Color

Hex(61E8DB)

Conversions

Conversions Part 1

Format	Color
Hex	61E8DB
RGB	97, 232, 219
RGB Percent	38%, 91%, 86%
CMY	0.6196, 0.0902, 0.1412
CMYK	0.58, 0.00, 0.06, 0.09
HSL	174°, 75%, 65%
HSV	174°, 58%, 91%
XYZ	46.5726, 65.3691, 77.1807
YIQ	190.1530, -76.2870, -32.6630

Conversions

Conversions Part 2

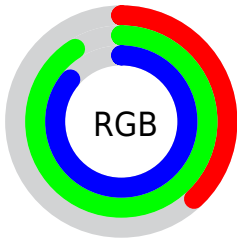
Format	Color
RYB	97, 168, 232
Decimal	6416603
CIELab	84.67, -39.75, -4.75
CIELCh	85, 40.035, 186.814
Yxy	65.3691, 0.2463, 0.3456
Android (android.graphics.Color)	4284606683 (0xFF61E8DB)
YUV	190.1530, 14.2216, -81.6952
Hunter-Lab	80.8512, -38.6684, -0.0026

Details

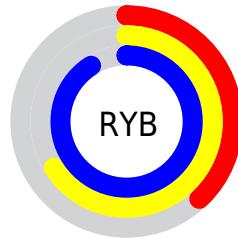
The Hex color **61E8DB** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **E8616E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **9FFFFFF**, and **03B0A4** is the 20% darker color. If you saturate the color by 10%, you get **4AE8D9**, and if you desaturate by 10%, it is **78E8DD**.

Distribution



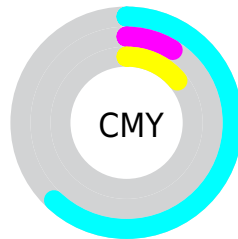
- Red (38%)
- Green (91%)
- Blue (86%)



- Red (38%)
- Yellow (66%)
- Blue (91%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (62%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E8DB 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 61E8DB by changing the saturation by 10% instead.

 61E8DB

 61E8DB

FFFFFF

 3ECCBF

 9FFFFFF

 03B0A4

 BDFFFF

 00958A

 DCFFFF

 007A71

 FAFFFF

 006158

 004841

 00312B

 001A17

 000000

 61E8DB

 61E8DB

 4AE8D9

 78E8DD

 33E8D7

 8FE8DF

 1BE8D4

 A7E8E2

 04E8D2

 BEE8E4

 00E8D2

 D5E8E6

 ECE8E8

 FFE8EB

 FFE8ED

 FFE8EF

Harmonies

Analogous

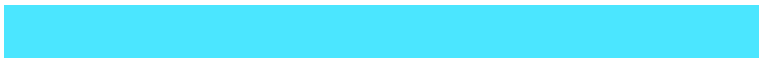
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8EE5B4



61E8DB



4BE6FF

Triad

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



61E8DB



E3C6FF



FFC78F

Complementary

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



61E8DB



E8616E

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.



FFBBA8



61E8DB



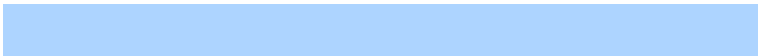
FFBBF2

Square

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



61E8DB



ADD4FF



FFB6CC



E5D488

Rectangle

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



61E8DB



60E2FF



FFB6CC



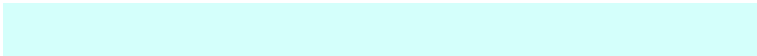
FFC395

Sweetspot

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



61E8DB



D4FFFB



6FE861



66807D



000000



808080

Same Dimension

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



61E8DB



4DFFEE



61B2E8



677372



00B3A1



00332E

Inverse Universe

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



E8616E



FF4D5E



E89761



736768



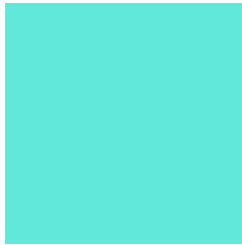
B30011



330005

Previews

White Background



This preview shows how the Hex color 61E8DB looks on a white background.

Color Contrast Check

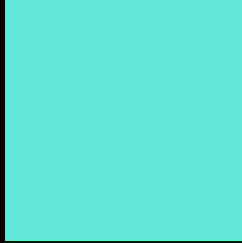
Large Text (above 18pt) WCAG AA × Fail

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 61E8DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

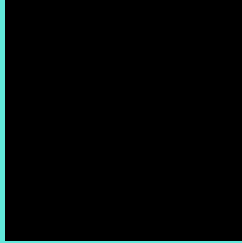
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

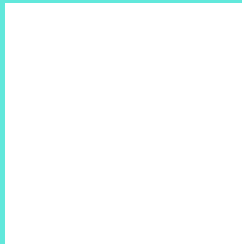
Any Text WCAG AAA ✓ Pass

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

Hex 61E8DB Background



This preview shows how black text looks on a background with the Hex color 61E8DB.

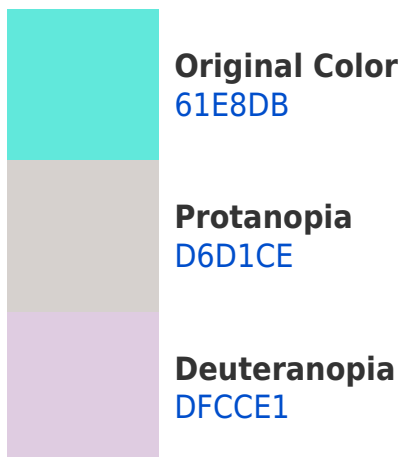


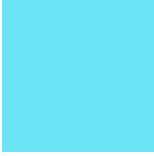
This preview shows how white text looks on a background with the Hex color 61E8DB.

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



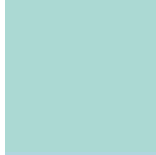


Tritanopia
6CE4F6

Trichromacy



Original Color
61E8DB



Protanomaly
ABD9D3



Deuteranomaly
B1D6DF

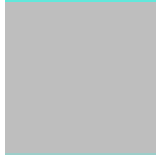


Tritanomaly
68E5EC

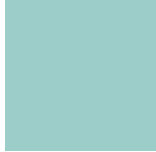
Monochromacy



Original Color
61E8DB



Achromatopsia
BEBEBE



Achromatomaly
9CCDC9

CSS Examples

Text

The CSS property to change the color of the text to Hex 61E8DB 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 #61E8DB looks like.

```
.text, #text, p{  
    color:#61E8DB  
}
```

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 #61E8DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E8DB
}
```

Border

The CSS property to change the border of an element to Hex 61E8DB 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
#61E8DB }
```

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

```
.border{ border-color:#61E8DB }
```

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

Here you see how a box with a 4 pixel #61E8DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E8DB; -webkit-box-shadow:4px 4px  
4px 4px #61E8DB; box-shadow:4px 4px 4px  
4px #61E8DB }
```

Background

The CSS property to change the background color of an element to Hex 61E8DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E8DB }
```

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

```
.background{ background-color:#61E8DB }
```

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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