

Converting Colors

Hex(60E2D1)

Have a look what the booklet for
Hex(60E2D1) contains.

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Color

Hex(60E2D1)

Conversions

Conversions Part 1

Format	Color
Hex	60E2D1
RGB	96, 226, 209
RGB Percent	38%, 89%, 82%
CMY	0.6235, 0.1137, 0.1804
CMYK	0.58, 0.00, 0.08, 0.11
HSL	172°, 69%, 63%
HSV	172°, 58%, 89%
XYZ	43.5289, 61.4830, 69.8948
YIQ	185.1920, -72.0230, -32.8470

Conversions

Conversions Part 2

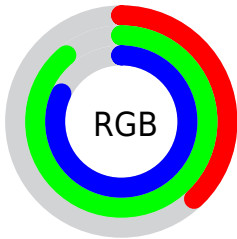
Format	Color
RYB	96, 166, 226
Decimal	6349521
CIELab	82.64, -39.76, -2.46
CIELCh	83, 39.835, 183.544
Yxy	61.4830, 0.2489, 0.3515
Android (android.graphics.Color)	4284539601 (0xFF60E2D1)
YUV	185.1920, 11.7373, -78.2214
Hunter-Lab	78.4111, -38.1275, 2.0373

Details

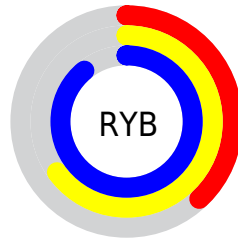
The Hex color **60E2D1** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E26071**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9DFFFF**, and **08AA9B** is the 20% darker color. If you saturate the color by 10%, you get **49E2CE**, and if you desaturate by 10%, it is **77E2D4**.

Distribution



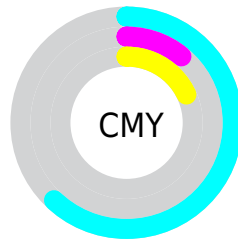
- Red (38%)
- Green (89%)
- Blue (82%)



- Red (38%)
- Yellow (65%)
- Blue (89%)



- Cyan (58%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60E2D1 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 60E2D1 by changing the saturation by 10% instead.

 60E2D1

 60E2D1

FFFFFF

 3EC6B5

 9DFFFF

 08AA9B

 BBFFFF

 008F81

 D9FFFF

 007568

 F8FFFF

 005B50

 004339

 002C23

 00110F

 000000

 60E2D1

 60E2D1

 49E2CE

 77E2D4

 33E2CB

 8DE2D7

 1CE2C8

 A4E2DA

 06E2C5

 BAE2DD

 00E2C4

 D1E2E0

 E8E2E3

 FEE2E6

 FFE2E9

 FFE2EC

Harmonies

Analogous

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



8EDFAB



60E2D1



44E1F6

Triad

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



60E2D1



D8C2FF



FFC08C

Complementary

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



60E2D1



E26071

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.



FFB5A6



60E2D1



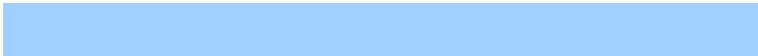
FFB6F0

Square

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



60E2D1



A1D0FF



FFB1CB



E3CD82

Rectangle

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



60E2D1



54DDFF



FFB1CB



FFBC93

Sweetspot

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



60E2D1



D4FFF9



71E260



66807C



000000



808080

Same Dimension

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



60E2D1



4FFFE8



60B2E2



65706F



00B099



00302A

Inverse Universe

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



E26071



FF4F66



E29060



706566



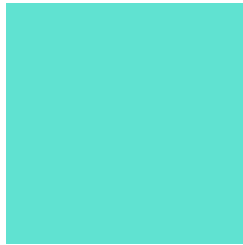
B00017



300006

Previews

White Background



This preview shows how the Hex color 60E2D1 looks on a white background.

Color Contrast Check

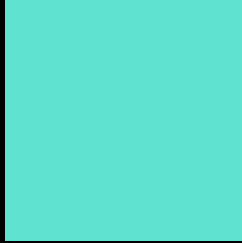
Large Text (above 18pt) WCAG AA × Fail

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 60E2D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

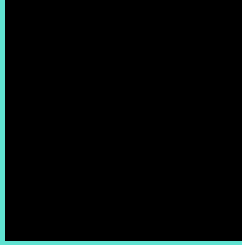
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

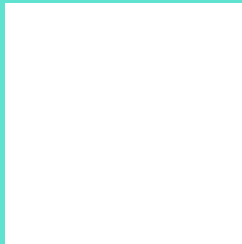
Any Text WCAG AAA ✓ Pass

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

Hex 60E2D1 Background



This preview shows how black text looks on a background with the Hex color 60E2D1.

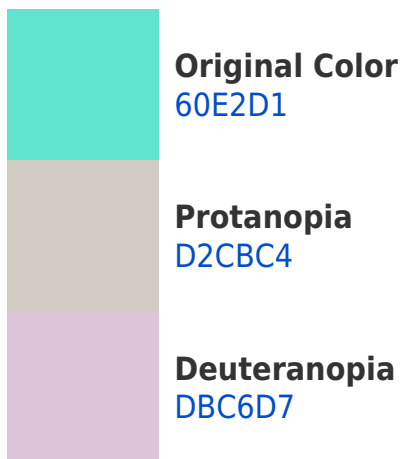


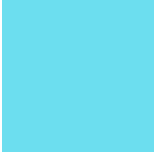
This preview shows how white text looks on a background with the Hex color 60E2D1.

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



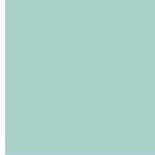


Tritanopia
6CDEEF

Trichromacy



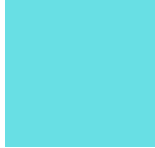
Original Color
60E2D1



Protanomaly
A9D3C9



Deuteranomaly
AED0D5

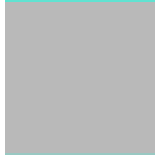


Tritanomaly
68DFE4

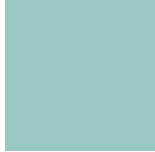
Monochromacy



Original Color
60E2D1



Achromatopsia
B9B9B9



Achromatomaly
99C8C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 60E2D1 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 #60E2D1 looks like.

```
.text, #text, p{  
    color:#60E2D1  
}
```

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 #60E2D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60E2D1
}
```

Border

The CSS property to change the border of an element to Hex 60E2D1 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
#60E2D1 }
```

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

```
.border{ border-color:#60E2D1 }
```

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

Here you see how a box with a 4 pixel #60E2D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60E2D1; -webkit-box-shadow:4px 4px  
4px 4px #60E2D1; box-shadow:4px 4px 4px  
4px #60E2D1 }
```

Background

The CSS property to change the background color of an element to Hex 60E2D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60E2D1 }
```

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

```
.background{ background-color:#60E2D1 }
```

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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