

Converting Colors

Hex(64E0CD)

Have a look what the booklet for
Hex(64E0CD) contains.

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Color

Hex(64E0CD)

Conversions

Conversions Part 1

Format	Color
Hex	64E0CD
RGB	100, 224, 205
RGB Percent	39%, 88%, 80%
CMY	0.6078, 0.1216, 0.1961
CMYK	0.55, 0.00, 0.08, 0.12
HSL	171°, 67%, 64%
HSV	171°, 55%, 88%
XYZ	42.9306, 60.4284, 67.1588
YIQ	184.7580, -67.8050, -32.1970

Conversions

Conversions Part 2

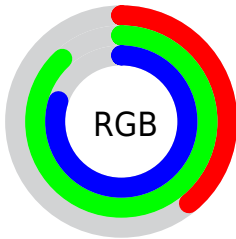
Format	Color
RYB	100, 167, 224
Decimal	6611149
CIELab	82.07, -39.09, -1.16
CIELCh	82, 39.105, 181.699
Yxy	60.4284, 0.2518, 0.3544
Android (android.graphics.Color)	4284801229 (0xFF64E0CD)
YUV	184.7580, 9.9793, -74.3328
Hunter-Lab	77.7357, -37.4584, 3.1922

Details

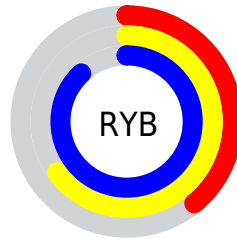
The Hex color **64E0CD** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E06477**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A0FFFF**, and **19A897** is the 20% darker color. If you saturate the color by 10%, you get **4EE0CA**, and if you desaturate by 10%, it is **7AE0D0**.

Distribution



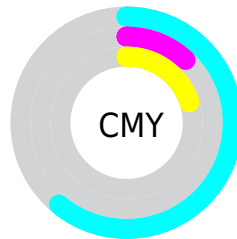
- Red (39%)
- Green (88%)
- Blue (80%)



- Red (39%)
- Yellow (65%)
- Blue (88%)



- Cyan (55%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (61%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64E0CD 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 64E0CD by changing the saturation by 10% instead.

 64E0CD

 64E0CD

FFFFFF

 44C4B2

 A0FFFF

 19A897

 BEFFFF

 008D7D

 DCFFFF

 007364

 FAFFFF

 005A4C

 004136

 002B20

 000E0A

 000000

 64E0CD

 64E0CD

 4EE0CA

 7AE0D0

 37E0C6

 91E0D4

 21E0C3

 A7E0D7

 0AE0BF

 BEE0DB

 00E0BE

 D4E0DE

 EAE0E2

 FFE0E5

 FFE0E8

 FFE0EC

Harmonies

Analogous

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



91DDA8



64E0CD



47DFF1

Triad

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



64E0CD



D3C2FF



FFBE8D

Complementary

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



64E0CD



E06477

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.



FFB3A7



64E0CD



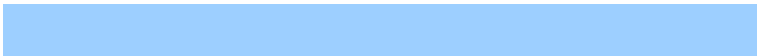
FCB6F0

Square

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



64E0CD



9DCFFF



FFB0CB



E3CB82

Rectangle

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



64E0CD



54DCFF



FFB0CB



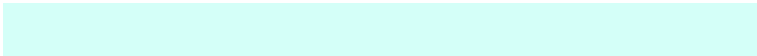
FFBA94

Sweetspot

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



64E0CD



D4FFF8



79E064



66807C



000000



808080

Same Dimension

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



64E0CD



57FFE5



64B7E0



65706E



00B095



003029

Inverse Universe

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



E06477



FF5770



E08D64



706567



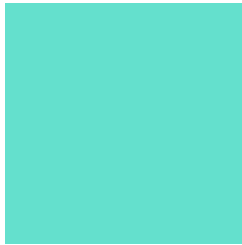
B0001B



300007

Previews

White Background



This preview shows how the Hex color 64E0CD looks on a white background.

Color Contrast Check

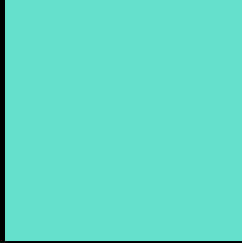
Large Text (above 18pt) WCAG AA × Fail

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 64E0CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

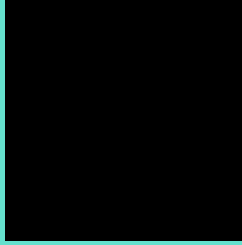
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

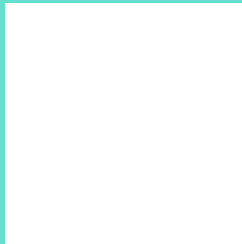
Any Text WCAG AAA ✓ Pass

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

Hex 64E0CD Background



This preview shows how black text looks on a background with the Hex color 64E0CD.

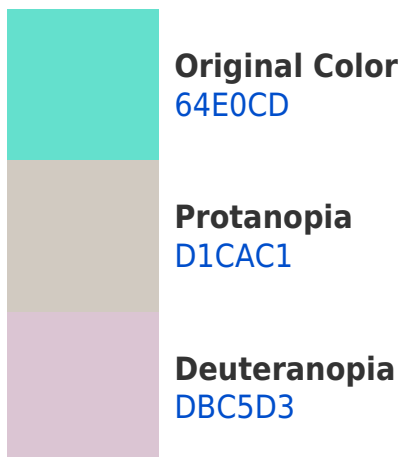


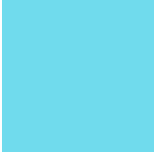
This preview shows how white text looks on a background with the Hex color 64E0CD.

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
6FDBED

Trichromacy



Original Color
64E0CD



Protanomaly
A9D2C5



Deuteranomaly
B0CFD1

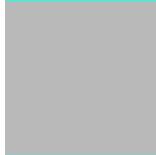


Tritanomaly
6BDDE1

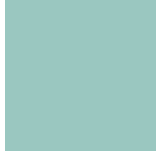
Monochromacy



Original Color
64E0CD



Achromatopsia
B9B9B9



Achromatomaly
9AC7C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 64E0CD 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 #64E0CD looks like.

```
.text, #text, p{  
    color:#64E0CD  
}
```

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 #64E0CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64E0CD
}
```

Border

The CSS property to change the border of an element to Hex 64E0CD 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
#64E0CD }
```

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

```
.border{ border-color:#64E0CD }
```

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

Here you see how a box with a 4 pixel #64E0CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64E0CD; -webkit-box-shadow:4px 4px  
4px 4px #64E0CD; box-shadow:4px 4px 4px  
4px #64E0CD }
```

Background

The CSS property to change the background color of an element to Hex 64E0CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64E0CD }
```

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

```
.background{ background-color:#64E0CD }
```

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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