

Converting Colors

Hex(64E2C8)

Have a look what the booklet for
Hex(64E2C8) contains.

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Color

Hex(64E2C8)

Conversions

Conversions Part 1

Format	Color
Hex	64E2C8
RGB	100, 226, 200
RGB Percent	39%, 89%, 78%
CMY	0.6078, 0.1137, 0.2157
CMYK	0.56, 0.00, 0.12, 0.11
HSL	168°, 68%, 64%
HSV	168°, 56%, 89%
XYZ	42.8772, 61.2722, 64.2104
YIQ	185.3620, -66.7500, -34.7980

Conversions

Conversions Part 2

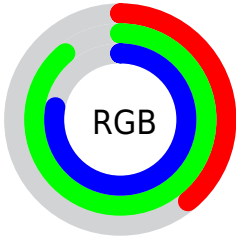
Format	Color
RYB	100, 170, 226
Decimal	6611656
CIELab	82.52, -41.20, 2.15
CIElCh	83, 41.261, 177.009
Yxy	61.2722, 0.2547, 0.3639
Android (android.graphics.Color)	4284801736 (0xFF64E2C8)
YUV	185.3620, 7.2165, -74.8625
Hunter-Lab	78.2765, -39.2077, 6.1579

Details

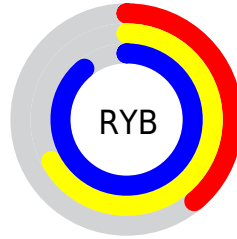
The Hex color **64E2C8** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E2647E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A0FFFF**, and **19AA92** is the 20% darker color. If you saturate the color by 10%, you get **4DE2C3**, and if you desaturate by 10%, it is **7BE2CD**.

Distribution



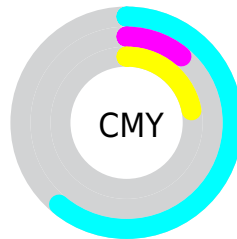
- Red (39%)
- Green (89%)
- Blue (78%)



- Red (39%)
- Yellow (67%)
- Blue (89%)



- Cyan (56%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (61%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64E2C8 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 64E2C8 by changing the saturation by 10% instead.

 64E2C8

 64E2C8

FFFFFF

 44C6AD

 A0FFFF

 19AA92

 BEFFFF

 008F78

 DCFFFF

 007560

 FAFFFF

 005B48

 004332

 002C1D

 001003

 000000

 64E2C8

 64E2C8

 4DE2C3

 7BE2CD

 37E2BF

 91E2D1

 20E2BA

 A8E2D6

 0AE2B5

 BEE2DB

 00E2B3

 D5E2DF

 ECE2E4

 FFE2E9

 FFE2ED

 FFE2F2

Harmonies

Analogous

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



96DEA2



64E2C8



39E2EF

Triad

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



64E2C8



CDC5FF



FFBC8E

Complementary

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



64E2C8



E2647E

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.



FFB2AC



64E2C8



FBB7F8

Square

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



64E2C8



90D2FF



FFB0D3



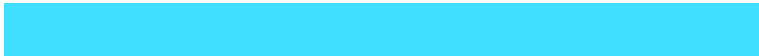
EBCA80

Rectangle

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



64E2C8



40DFFF



FFB0D3



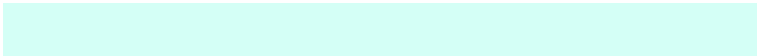
FFB896

Sweetspot

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



64E2C8



D4FFF6



7FE264



66807A



000000



808080

Same Dimension

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



64E2C8



54FFDC



64BEE2



65706E



00B08C



003026

Inverse Universe

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



E2647E



FF5477



E28864



706567



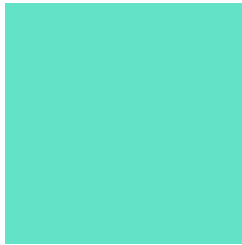
B00024



30000A

Previews

White Background



This preview shows how the Hex color 64E2C8 looks on a white background.

Color Contrast Check

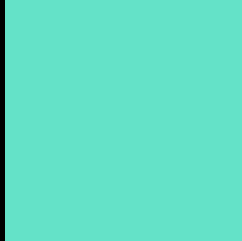
Large Text (above 18pt) WCAG AA × Fail

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 64E2C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

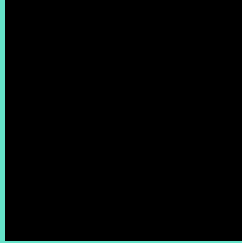
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

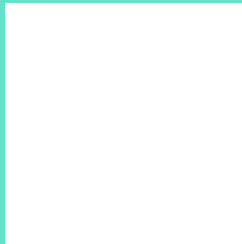
Any Text WCAG AAA ✓ Pass

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

Hex 64E2C8 Background



This preview shows how black text looks on a background with the Hex color 64E2C8.

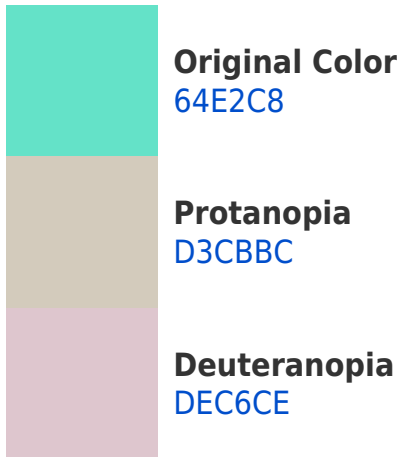


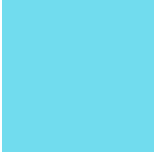
This preview shows how white text looks on a background with the Hex color 64E2C8.

Color Blindness Simulation

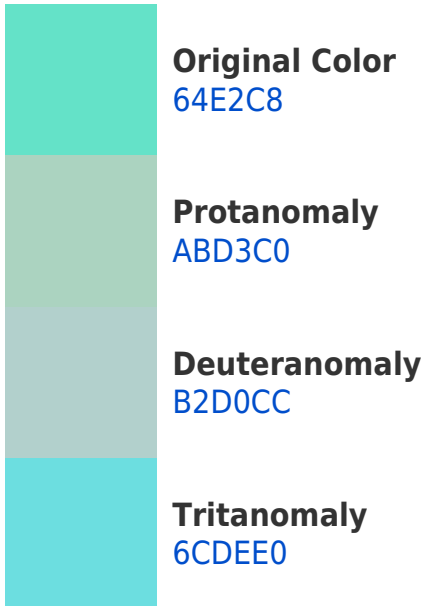
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64E2C8 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 #64E2C8 looks like.

```
.text, #text, p{  
    color:#64E2C8  
}
```

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 #64E2C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64E2C8
}
```

Border

The CSS property to change the border of an element to Hex 64E2C8 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
#64E2C8 }
```

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

```
.border{ border-color:#64E2C8 }
```

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

Here you see how a box with a 4 pixel #64E2C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64E2C8; -webkit-box-shadow:4px 4px  
4px 4px #64E2C8; box-shadow:4px 4px 4px  
4px #64E2C8 }
```

Background

The CSS property to change the background color of an element to Hex 64E2C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64E2C8 }
```

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

```
.background{ background-color:#64E2C8 }
```

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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