

Converting Colors

Hex(65D8C4)

Have a look what the booklet for
Hex(65D8C4) contains.

Hex(65D8C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(65D8C4)

Conversions

Conversions Part 1

Format	Color
Hex	65D8C4
RGB	101, 216, 196
RGB Percent	40%, 85%, 77%
CMY	0.6039, 0.1529, 0.2314
CMYK	0.53, 0.00, 0.09, 0.15
HSL	170°, 60%, 62%
HSV	170°, 53%, 85%
XYZ	39.8865, 55.8640, 60.9051
YIQ	179.3350, -62.1200, -30.6000

Conversions

Conversions Part 2

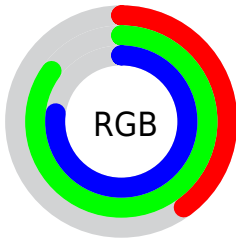
Format	Color
RYB	101, 164, 216
Decimal	6674628
CIELab	79.54, -37.45, -0.07
CIELCh	80, 37.455, 180.109
Yxy	55.8640, 0.2546, 0.3566
Android (android.graphics.Color)	4284864708 (0xFF65D8C4)
YUV	179.3350, 8.2158, -68.6998
Hunter-Lab	74.7422, -35.5415, 4.0059

Details

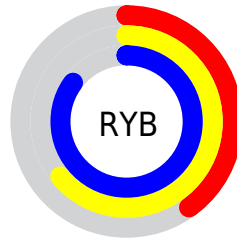
The Hex color **65D8C4** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D86579**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A0FFFD**, and **21A18E** is the 20% darker color. If you saturate the color by 10%, you get **4FD8C0**, and if you desaturate by 10%, it is **7BD8C8**.

Distribution



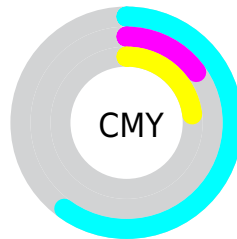
- Red (40%)
- Green (85%)
- Blue (77%)



- Red (40%)
- Yellow (64%)
- Blue (85%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (60%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65D8C4 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 65D8C4 by changing the saturation by 10% instead.

 65D8C4

 65D8C4

FFFFFF

 46BCA9

 A0FFFD

 21A18E

 BDFFFF

 008675

 DBFFFF

 006C5C

 F9FFFF

 005345

 003B2F

 00261A

 000000

 65D8C4

 65D8C4

 4FD8C0

 7BD8C8

 3AD8BC

 90D8CC

 24D8B9

 A6D8CF

 0FD8B5

 BBD8D3

 00D8B2

 D1D8D7

 E7D8DB

 FCD8DE

 FFD8E2

 FFD8E6

Harmonies

Analogous

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



8FD5A1



65D8C4



49D7E7

Triad

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



65D8C4



CABCFF



F9B78A

Complementary

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



65D8C4



D86579

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.



FFADA4



65D8C4



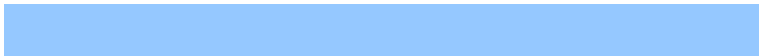
F1B0E8

Square

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



65D8C4



95C8FF



FFABC6



DDC37F

Rectangle

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



65D8C4



53D4FA



FFABC6



FFB391

Sweetspot

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



65D8C4



D6FFF8



7AD865



67807B



000000



808080

Same Dimension

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



65D8C4



5CFFE3



65B4D8



606B69



00AB8D



002B24

Inverse Universe

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



D86579



FF5C78



D88965



6B6062



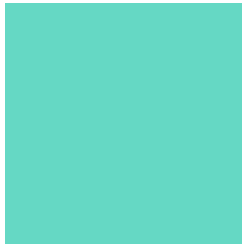
AB001E



2B0008

Previews

White Background



This preview shows how the Hex color 65D8C4 looks on a white background.

Color Contrast Check

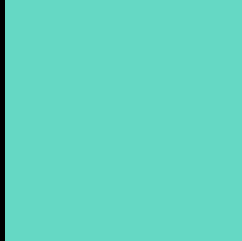
Large Text (above 18pt) WCAG AA × Fail

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 65D8C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

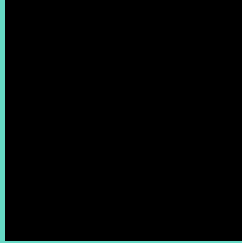
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

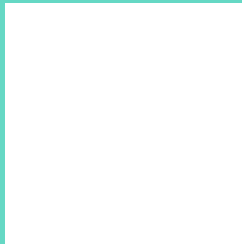
Any Text WCAG AAA ✓ Pass

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

Hex 65D8C4 Background



This preview shows how black text looks on a background with the Hex color 65D8C4.



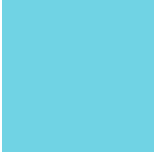
This preview shows how white text looks on a background with the Hex color 65D8C4.

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



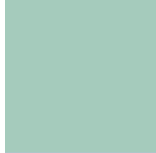


Tritanopia
70D3E4

Trichromacy



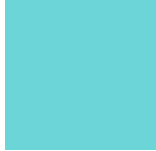
Original Color
65D8C4



Protanomaly
A5CBBC

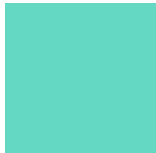


Deuteranomaly
ACC7C8

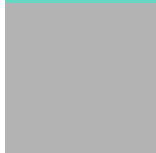


Tritanomaly
6CD5D8

Monochromacy



Original Color
65D8C4



Achromatopsia
B3B3B3



Achromatomaly
97C0B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 65D8C4 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 #65D8C4 looks like.

```
.text, #text, p{  
    color:#65D8C4  
}
```

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 #65D8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65D8C4
}
```

Border

The CSS property to change the border of an element to Hex 65D8C4 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
#65D8C4 }
```

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

```
.border{ border-color:#65D8C4 }
```

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

Here you see how a box with a 4 pixel #65D8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65D8C4; -webkit-box-shadow:4px 4px  
4px 4px #65D8C4; box-shadow:4px 4px 4px  
4px #65D8C4 }
```

Background

The CSS property to change the background color of an element to Hex 65D8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65D8C4 }
```

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

```
.background{ background-color:#65D8C4 }
```

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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