

Converting Colors

Hex(65D9A1)

Have a look what the booklet for
Hex(65D9A1) contains.

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Color

Hex(65D9A1)

Conversions

Conversions Part 1

Format	Color
Hex	65D9A1
RGB	101, 217, 161
RGB Percent	40%, 85%, 63%
CMY	0.6039, 0.1490, 0.3686
CMYK	0.53, 0.00, 0.26, 0.15
HSL	151°, 60%, 62%
HSV	151°, 53%, 85%
XYZ	36.6127, 54.9656, 42.3979
YIQ	175.9320, -51.1600, -42.0080

Conversions

Conversions Part 2

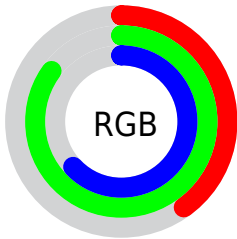
Format	Color
RYB	101, 177, 217
Decimal	6674849
CIELab	79.02, -45.77, 17.78
CIELCh	79, 49.104, 158.767
Yxy	54.9656, 0.2733, 0.4103
Android (android.graphics.Color)	4284864929 (0xFF65D9A1)
YUV	175.9320, -7.3615, -65.7154
Hunter-Lab	74.1388, -41.5925, 17.9908

Details

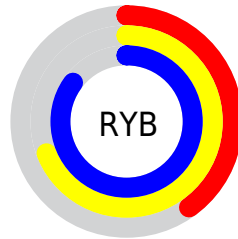
The Hex color **65D9A1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D9659D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9FFFD8**, and **23A16D** is the 20% darker color. If you saturate the color by 10%, you get **4FD997**, and if you desaturate by 10%, it is **7BD9AB**.

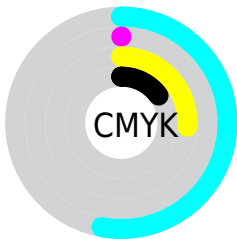
Distribution



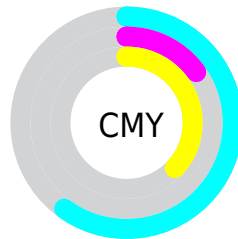
- Red (40%)
- Green (85%)
- Blue (63%)



- Red (40%)
- Yellow (69%)
- Blue (85%)



- Cyan (53%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)



- Cyan (60%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65D9A1 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 65D9A1 by changing the saturation by 10% instead.

 65D9A1

 65D9A1

FFFFFF

 47BD87

 9FFFD8

 23A16D

 BCFFF4

 008655

 DAFFFF

 006C3D

 F8FFFF

 005327

 003B12

 002500

 000000

 65D9A1

 65D9A1

 4FD997

 7BD9AB

 3AD98C

 90D9B6

 24D982

 A6D9C0

 0ED977

 BCD9CB

 00D970

 D2D9D5

 E7D9E0

 FDD9EA

 FFD9F5

 FFD9FF

Harmonies

Analogous

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



A2D27A



65D9A1



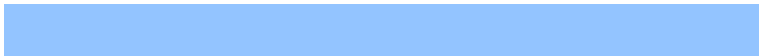
00DCD0

Triad

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



65D9A1



93C4FF



FFA68D

Complementary

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



65D9A1



D9659D

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.



FF9FB8



65D9A1



DAB3FF

Square

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



65D9A1



1DD1FF



FFA4E6



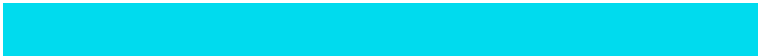
FBB66F

Rectangle

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



65D9A1



00DBEE



FFA4E6



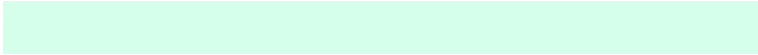
FFA29A

Sweetspot

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



65D9A1



D6FFEB



9DD965



678074



000000



808080

Same Dimension

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



65D9A1



5CFFB0



65D7D9



636E68



00AD5A



002E18

Inverse Universe

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



D9659D



FF5CAB



D96765



6E6368



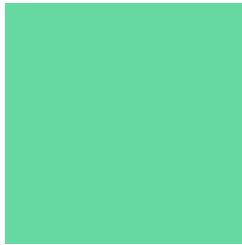
AD0054



2E0016

Previews

White Background



This preview shows how the Hex color 65D9A1 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 65D9A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

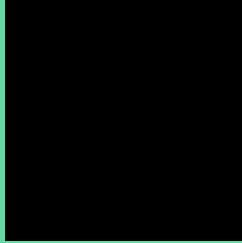
Any Text WCAG AA ✓ Pass

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 65D9A1 Background



This preview shows how black text looks on a background with the Hex color 65D9A1.

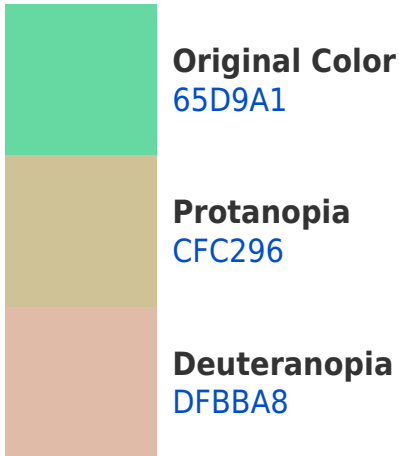


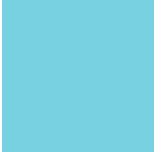
This preview shows how white text looks on a background with the Hex color 65D9A1.

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
78D1E1

Trichromacy



Original Color
65D9A1



Protanomaly
A8CA9A



Deuteranomaly
B3C6A5

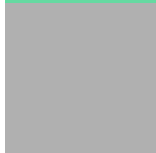


Tritanomaly
71D4CA

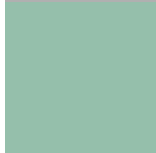
Monochromacy



Original Color
65D9A1



Achromatopsia
B0B0B0



Achromatomaly
95BFAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 65D9A1 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 #65D9A1 looks like.

```
.text, #text, p{  
    color:#65D9A1  
}
```

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 #65D9A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65D9A1
}
```

Border

The CSS property to change the border of an element to Hex 65D9A1 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
#65D9A1 }
```

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

```
.border{ border-color:#65D9A1 }
```

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

Here you see how a box with a 4 pixel #65D9A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65D9A1; -webkit-box-shadow:4px 4px  
4px 4px #65D9A1; box-shadow:4px 4px 4px  
4px #65D9A1 }
```

Background

The CSS property to change the background color of an element to Hex 65D9A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65D9A1 }
```

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

```
.background{ background-color:#65D9A1 }
```

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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