

Converting Colors

Hex(65DDAF)

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

Hex(65DDAF)	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(65DDAF)

Conversions

Conversions Part 1

Format	Color
Hex	65DDAF
RGB	101, 221, 175
RGB Percent	40%, 87%, 69%
CMY	0.6039, 0.1333, 0.3137
CMYK	0.54, 0.00, 0.21, 0.13
HSL	157°, 64%, 63%
HSV	157°, 54%, 87%
XYZ	38.9611, 57.5747, 49.6170
YIQ	179.8760, -56.7540, -39.7460

Conversions

Conversions Part 2

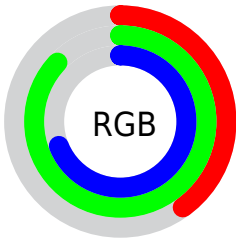
Format	Color
RYB	101, 175, 221
Decimal	6675887
CIELab	80.50, -44.53, 12.48
CIElCh	81, 46.249, 164.349
Yxy	57.5747, 0.2666, 0.3939
Android (android.graphics.Color)	4284865967 (0xFF65DDAF)
YUV	179.8760, -2.4039, -69.1743
Hunter-Lab	75.8780, -41.1320, 14.3446

Details

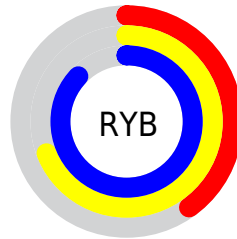
The Hex color **65DDAF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD6593**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A0FFE7**, and **21A57A** is the 20% darker color. If you saturate the color by 10%, you get **4FDDA7**, and if you desaturate by 10%, it is **7BDDB7**.

Distribution



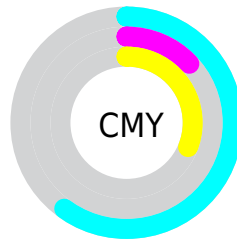
- Red (40%)
- Green (87%)
- Blue (69%)



- Red (40%)
- Yellow (69%)
- Blue (87%)



- Cyan (54%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (60%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 65DDAF

 65DDAF

FFFFFF

 46C194

 A0FFE7

 21A57A

 BDFFFF

 008A62

 DBFFFF

 00704A

 F9FFFF

 005733

 003E1E

 002906

 000300

 000000

 65DDAF

 65DDAF

 4FDDA7

 7BDDDB7

 39DD9E

 91DDC0

 23DD96

 A7DDC8

 0DD8D

 BDDDD1

 00DD88

 D3DDD9

 EADDE2

 FFDDEA

 FFDDF3

 FFDDFB

Harmonies

Analogous

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



9FD788



65DDAF



00DFDC

Triad

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



65DDAF



AAC5FF



FFAF8D

Complementary

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



65DDAF



DD6593

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.



FFA6B4



65DDAF



E7B5FF

Square

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



65DDAF



58D3FF



FFA8E0



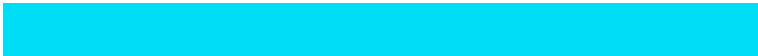
F7BD74

Rectangle

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



65DDAF



00DDF7



FFA8E0



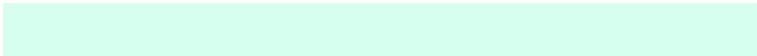
FFAB99

Sweetspot

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



65DDAF



D6FFEF



93DD65



678076



000000



808080

Same Dimension

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



65DDAF



59FFBF



65CFDD



636E69



00AD6B



002E1C

Inverse Universe

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



DD6593



FF5999



DD7365



6E6367



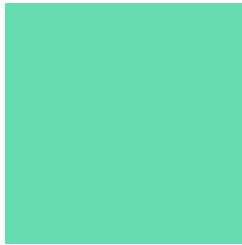
AD0042



2E0012

Previews

White Background



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

Color Contrast Check

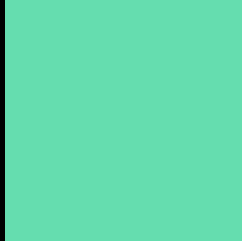
Large Text (above 18pt) WCAG AA × Fail

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 65DDAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

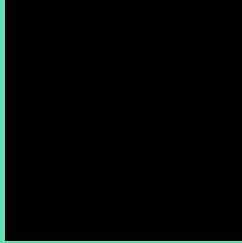
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

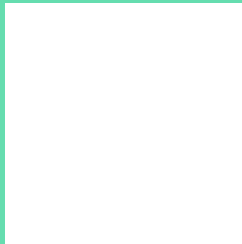
Any Text WCAG AAA ✓ Pass

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

Hex 65DDAF Background



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

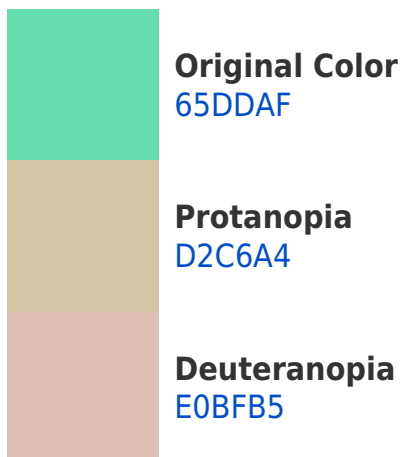


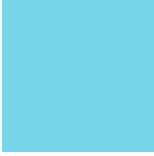
This preview shows how white text looks on a background with the Hex color 65DDAF.

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
76D5E7

Trichromacy



Original Color
65DDAF



Protanomaly
AACEA8



Deuteranomaly
B3CAB3

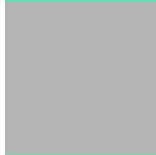


Tritanomaly
70D8D3

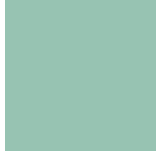
Monochromacy



Original Color
65DDAF



Achromatopsia
B4B4B4



Achromatomaly
97C3B2

CSS Examples

Text

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

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

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 #65DDAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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