

Converting Colors

Hex(67DB99)

Have a look what the booklet for
Hex(67DB99) contains.

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Color

Hex(67DB99)

Conversions

Conversions Part 1

Format	Color
Hex	67DB99
RGB	103, 219, 153
RGB Percent	40%, 86%, 60%
CMY	0.5961, 0.1412, 0.4000
CMYK	0.53, 0.00, 0.30, 0.14
HSL	146°, 62%, 63%
HSV	146°, 53%, 86%
XYZ	36.6748, 55.8465, 38.9835
YIQ	176.7920, -47.9500, -45.1180

Conversions

Conversions Part 2

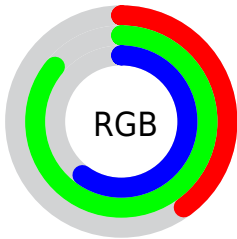
Format	Color
RYB	103, 184, 219
Decimal	6806425
CIELab	79.53, -47.74, 22.68
CIELCh	80, 52.857, 154.585
Yxy	55.8465, 0.2789, 0.4247
Android (android.graphics.Color)	4284996505 (0xFF67DB99)
YUV	176.7920, -11.7295, -64.7156
Hunter-Lab	74.7305, -43.1776, 21.3825

Details

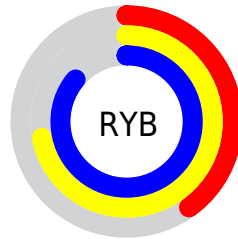
The Hex color **67DB99** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB67A9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A1FFD0**, and **26A366** is the 20% darker color. If you saturate the color by 10%, you get **51DB8D**, and if you desaturate by 10%, it is **7DDBA5**.

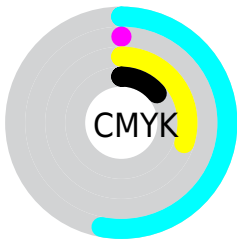
Distribution



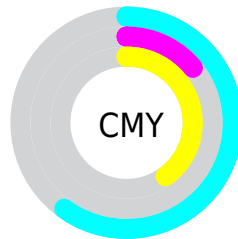
- Red (40%)
- Green (86%)
- Blue (60%)



- Red (40%)
- Yellow (72%)
- Blue (86%)



- Cyan (53%)
- Magenta (0%)
- Yellow (30%)
- Black (14%)



- Cyan (60%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67DB99 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 67DB99 by changing the saturation by 10% instead.

 67DB99

 67DB99

FFFFFF

 49BF7F

 A1FFD0

 26A366

 BEFFEC

 00884D

 DCFFFF

 006E36

 FAFFFF

 00551F

 003C09

 002700

 000000

 67DB99

 67DB99

 51DB8D

 7DDBA5

 3BDB80

 93DBB2

 25DB74

 A9DBBE

 0FDB67

 BFD BCB

 00DB5E

 D4DBD7

 EADBE4

 FFDBF0

 FFDBFD

 FFDBFF

Harmonies

Analogous

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



A8D271



67DB99



00DECB

Triad

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



67DB99



81C8FF



FFA390

Complementary

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



67DB99



DB67A9

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.



FF9CBF



67DB99



D3B5FF

Square

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



67DB99



00D5FF



FFA4F0



FFB36C

Rectangle

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



67DB99



00DEEC



FFA4F0



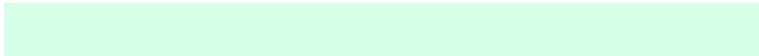
FF9F9F

Sweetspot

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



67DB99



D6FFE8



ABDB67



678072



000000



808080

Same Dimension

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



67DB99



5CFFA2



67DBD1



636E67



00AD4B



002E14

Inverse Universe

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



DB67A9



FF5CB9



DB6771



6E6369



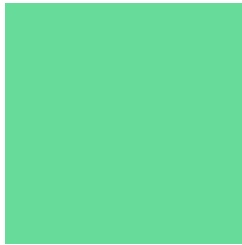
AD0063



2E001A

Previews

White Background



This preview shows how the Hex color 67DB99 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 67DB99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

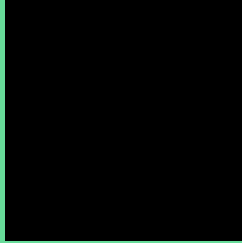
Any Text WCAG AA ✓ Pass

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 67DB99 Background



This preview shows how black text looks on a background with the Hex color 67DB99.

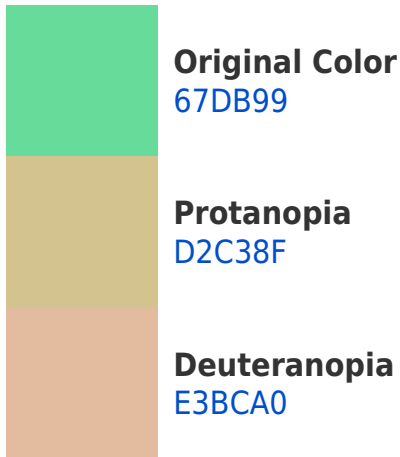


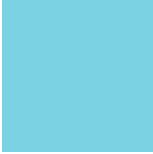
This preview shows how white text looks on a background with the Hex color 67DB99.

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
7BD2E3

Trichromacy



Original Color
67DB99



Protanomaly
ABCC93



Deuteranomaly
B6C79D

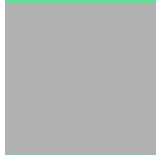


Tritanomaly
74D5C8

Monochromacy



Original Color
67DB99



Achromatopsia
B1B1B1



Achromatomaly
96C0A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 67DB99 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 #67DB99 looks like.

```
.text, #text, p{  
    color:#67DB99  
}
```

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 #67DB99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DB99
}
```

Border

The CSS property to change the border of an element to Hex 67DB99 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
#67DB99 }
```

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

```
.border{ border-color:#67DB99 }
```

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

Here you see how a box with a 4 pixel #67DB99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DB99; -webkit-box-shadow:4px 4px  
4px 4px #67DB99; box-shadow:4px 4px 4px  
4px #67DB99 }
```

Background

The CSS property to change the background color of an element to Hex 67DB99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DB99 }
```

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

```
.background{ background-color:#67DB99 }
```

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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