

Converting Colors

Hex(67DBBE)

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

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Color

Hex(67DBBE)

Conversions

Conversions Part 1

Format	Color
Hex	67DBBE
RGB	103, 219, 190
RGB Percent	40%, 86%, 75%
CMY	0.5961, 0.1412, 0.2549
CMYK	0.53, 0.00, 0.13, 0.14
HSL	165°, 62%, 63%
HSV	165°, 53%, 86%
XYZ	40.2193, 57.2643, 57.6485
YIQ	181.0100, -59.8270, -33.6110

Conversions

Conversions Part 2

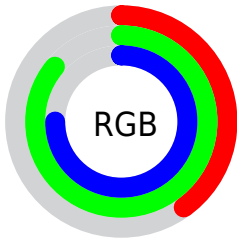
Format	Color
RYB	103, 169, 219
Decimal	6806462
CIELab	80.33, -39.83, 4.28
CIELCh	80, 40.059, 173.860
Yxy	57.2643, 0.2593, 0.3691
Android (android.graphics.Color)	4284996542 (0xFF67DBBE)
YUV	181.0100, 4.4321, -68.4148
Hunter-Lab	75.6732, -37.5577, 7.8036

Details

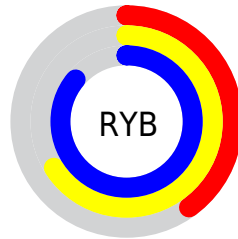
The Hex color **67DBBE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB6784**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A2FFF6**, and **24A389** is the 20% darker color. If you saturate the color by 10%, you get **51DBB9**, and if you desaturate by 10%, it is **7DDBC3**.

Distribution



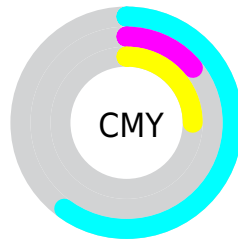
- Red (40%)
- Green (86%)
- Blue (75%)



- Red (40%)
- Yellow (66%)
- Blue (86%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (60%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 67DBBE

 67DBBE

FFFFFF

 48BFA3

 A2FFF6

 24A389

 BFFFFFF

 00896F

 DDFFFF

 006F57

 FBFFFF

 005540

 003D2A

 002815

 000200

 000000

67DBBE

67DBBE

51DBB9

7DDBC3

3BDBB3

93DBC9

25DBAE

A9DBCE

0FDBA8

BFDBD4

00DBA4

D4DBD9

EADBDF

FFDBE4

FFDBEA

FFDBEF

Harmonies

Analogous

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



96D79A



67DBBE



3CDBE4

Triad

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



67DBBE



C1C0FF



FFB68C

Complementary

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



67DBBE



DB6784

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.



FFACAB



67DBBE



EFB3F4

Square

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



67DBBE



86CDFE



FFABD1



E7C27D

Rectangle

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



67DBBE



3DD9FA



FFABD1



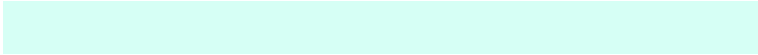
FFB295

Sweetspot

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



67DBBE



D6FFF5



84DB67



678079



000000



808080

Same Dimension

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



67DBBE



5CFFD6



67BEDB



636E6B



00AD82



002E22

Inverse Universe

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



DB6784



FF5C85



DB8467



6E6365



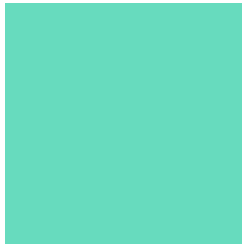
AD002B



2E000B

Previews

White Background



This preview shows how the Hex color 67DBBE 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 67DBBE 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 67DBBE Background



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



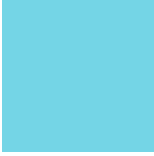
This preview shows how white text looks on a background with the Hex color 67DBBE.

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
74D5E6

Trichromacy



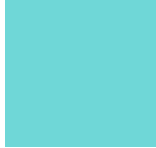
Original Color
67DBBE



Protanomaly
A9CDB6



Deuteranomaly
B0CAC2

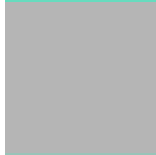


Tritanomaly
6FD7D7

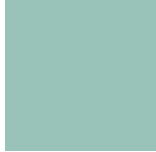
Monochromacy



Original Color
67DBBE



Achromatopsia
B5B5B5



Achromatomaly
99C3B8

CSS Examples

Text

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

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

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 #67DBBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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