

Converting Colors

Hex(6EDB89)

Have a look what the booklet for
Hex(6EDB89) contains.

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Color

Hex(6EDB89)

Conversions

Conversions Part 1

Format	Color
Hex	6EDB89
RGB	110, 219, 137
RGB Percent	43%, 86%, 54%
CMY	0.5686, 0.1412, 0.4627
CMYK	0.50, 0.00, 0.37, 0.14
HSL	135°, 60%, 65%
HSV	135°, 50%, 86%
XYZ	36.2773, 55.7842, 32.5223
YIQ	177.0610, -38.6420, -48.6100

Conversions

Conversions Part 2

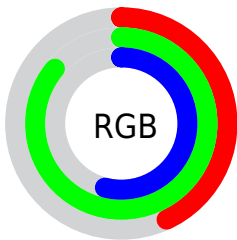
Format	Color
RYB	110, 197, 219
Decimal	7265161
CIELab	79.49, -48.91, 30.95
CIELCh	79, 57.878, 147.676
Yxy	55.7842, 0.2912, 0.4478
Android (android.graphics.Color)	4285455241 (0xFF6EDB89)
YUV	177.0610, -19.7501, -58.8125
Hunter-Lab	74.6888, -44.0057, 26.4651

Details

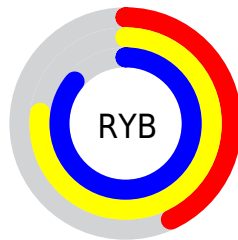
The Hex color **6EDB89** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DB6EC0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A8FFBF**, and **31A356** is the 20% darker color. If you saturate the color by 10%, you get **58DB79**, and if you desaturate by 10%, it is **84DB99**.

Distribution



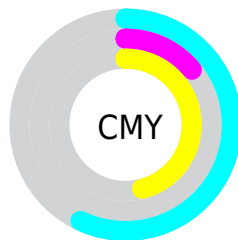
- Red (43%)
- Green (86%)
- Blue (54%)



- Red (43%)
- Yellow (77%)
- Blue (86%)



- Cyan (50%)
- Magenta (0%)
- Yellow (37%)
- Black (14%)



- Cyan (57%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EDB89 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 6EDB89 by changing the saturation by 10% instead.

 6EDB89

 6EDB89

FFFFFF

 51BF6F

 A8FFBF

 31A356

 C5FFDB

 00883E

 E2FFF8

 006E26

 00550E

 003C00

 002700

 000000

 6EDB89

 6EDB89

 58DB79

 84DB99

 42DB68

 9ADBAA

 2CDB58

 B0DBBA

 16DB47

 C6DBCB

 01DB37

 DCDBDB

 00DB36

 F1DBEC

 FFDBFC

 FFDBFF

Harmonies

Analogous

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



B2D161



6EDB89



00E0BF

Triad

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



6EDB89



52CCFF



FF9C96

Complementary

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



6EDB89



DB6EC0

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.



FF97CB



6EDB89



C2B8FF

Square

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



6EDB89



00D9FF



FFA4FF



FFAD6B

Rectangle

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



6EDB89



00E0E4



FFA4FF



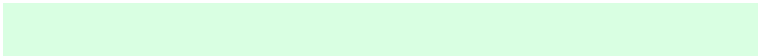
FF98A7

Sweetspot

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



6EDB89



D9FFE2



C2DB6E



69806E



000000



808080

Same Dimension

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



6EDB89



66FF8C



6EDBBE



636E65



00AD2B



002E0B

Inverse Universe

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



DB6EC0



FF66D9



DB6E8B



6E636B



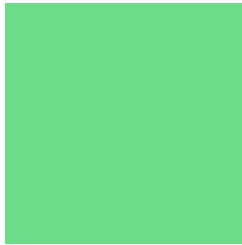
AD0082



2E0023

Previews

White Background



This preview shows how the Hex color 6EDB89 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 6EDB89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

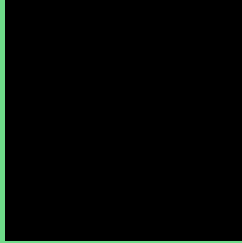
Any Text WCAG AA ✓ Pass

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 6EDB89 Background



This preview shows how black text looks on a background with the Hex color 6EDB89.

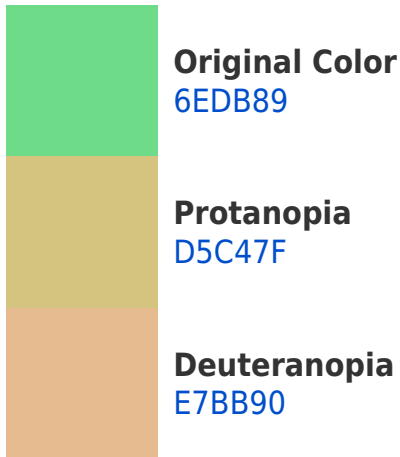


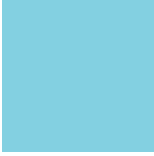
This preview shows how white text looks on a background with the Hex color 6EDB89.

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
83D0E1

Trichromacy



Original Color
6EDB89



Protanomaly
B0CC83



Deuteranomaly
BBC78D



Tritanomaly
7BD4C1

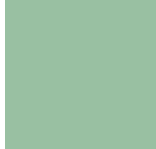
Monochromacy



Original Color
6EDB89



Achromatopsia
B1B1B1



Achromatomaly
99C0A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EDB89 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 #6EDB89 looks like.

```
.text, #text, p{  
    color:#6EDB89  
}
```

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 #6EDB89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EDB89
}
```

Border

The CSS property to change the border of an element to Hex 6EDB89 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
#6EDB89 }
```

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

```
.border{ border-color:#6EDB89 }
```

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

Here you see how a box with a 4 pixel #6EDB89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EDB89; -webkit-box-shadow:4px 4px  
4px 4px #6EDB89; box-shadow:4px 4px 4px  
4px #6EDB89 }
```

Background

The CSS property to change the background color of an element to Hex 6EDB89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EDB89 }
```

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

```
.background{ background-color:#6EDB89 }
```

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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