

Converting Colors

Hex(6ED6BC)

Have a look what the booklet for
Hex(6ED6BC) contains.

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Color

Hex(6ED6BC)

Conversions

Conversions Part 1

Format	Color
Hex	6ED6BC
RGB	110, 214, 188
RGB Percent	43%, 84%, 74%
CMY	0.5686, 0.1608, 0.2627
CMYK	0.49, 0.00, 0.12, 0.16
HSL	165°, 56%, 64%
HSV	165°, 49%, 84%
XYZ	39.5541, 55.0390, 56.1158
YIQ	179.9400, -53.6380, -30.1340

Conversions

Conversions Part 2

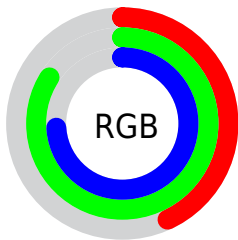
Format	Color
RYB	110, 169, 214
Decimal	7263932
CIELab	79.06, -36.46, 3.55
CIELCh	79, 36.633, 174.436
Yxy	55.0390, 0.2625, 0.3652
Android (android.graphics.Color)	4285454012 (0xFF6ED6BC)
YUV	179.9400, 3.9736, -61.3374
Hunter-Lab	74.1883, -34.6607, 7.0850

Details

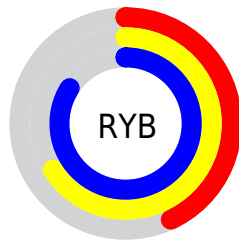
The Hex color **6ED6BC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D66E88**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A7FFF4**, and **319F87** is the 20% darker color. If you saturate the color by 10%, you get **59D6B7**, and if you desaturate by 10%, it is **83D6C1**.

Distribution



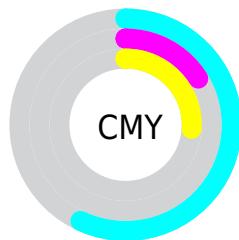
- Red (43%)
- Green (84%)
- Blue (74%)



- Red (43%)
- Yellow (66%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (57%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ED6BC 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 6ED6BC by changing the saturation by 10% instead.

 6ED6BC

 6ED6BC

FFFFFF

 51BAA1

 A7FFF4

 319F87

 C4FFFF

 00846E

 E2FFFF

 006A55

 00523E

 003A28

 002514

 000000

 6ED6BC

 6ED6BC

 59D6B7

 83D6C1

 43D6B1

 99D6C7

 2ED6AC

 AED6CC

 18D6A7

 C4D6D1

 03D6A1

 D9D6D7

 00D6A1

 EED6DC

 FFD6E1

 FFD6E7

 FFD6EC

Harmonies

Analogous

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



97D29B



6ED6BC



4FD6DF

Triad

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



6ED6BC



BFBDFE



FBB48E

Complementary

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



6ED6BC



D66E88

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.



FFACA9



6ED6BC



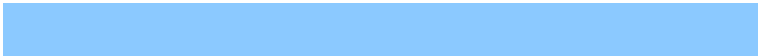
E9B2EC

Square

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



6ED6BC



8BC9FF



FFAACC



E1BF80

Rectangle

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



6ED6BC



51D4F2



FFAACC



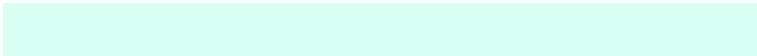
FFB196

Sweetspot

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



6ED6BC



D9FFF5



88D66E



69807A



000000



808080

Same Dimension

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



6ED6BC



6BFFDA



6EBCD6



606B68



00AB80



002B21

Inverse Universe

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



D66E88



FF6B90



D6886E



6B6063



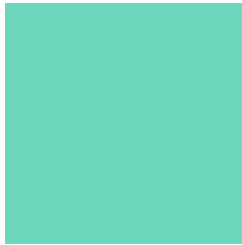
AB002B



2B000B

Previews

White Background



This preview shows how the Hex color 6ED6BC looks on a white background.

Color Contrast Check

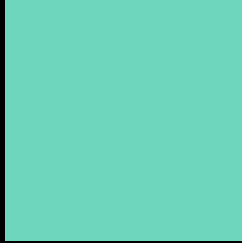
Large Text (above 18pt) WCAG AA × Fail

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 6ED6BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

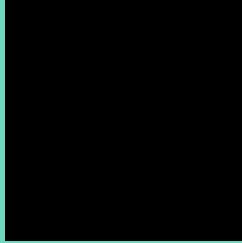
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

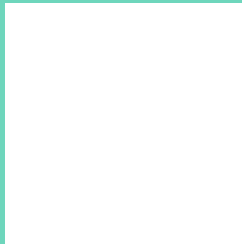
Any Text WCAG AAA ✓ Pass

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

Hex 6ED6BC Background



This preview shows how black text looks on a background with the Hex color 6ED6BC.



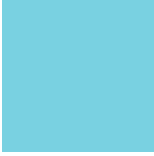
This preview shows how white text looks on a background with the Hex color 6ED6BC.

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
79D1E1

Trichromacy



Original Color
6ED6BC



Protanomaly
A9C9B5



Deuteranomaly
B0C5BF

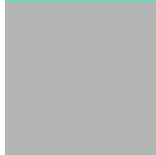


Tritanomaly
75D3D4

Monochromacy



Original Color
6ED6BC



Achromatopsia
B4B4B4



Achromatomaly
9BC0B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ED6BC 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 #6ED6BC looks like.

```
.text, #text, p{  
    color:#6ED6BC  
}
```

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 #6ED6BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED6BC
}
```

Border

The CSS property to change the border of an element to Hex 6ED6BC 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
#6ED6BC }
```

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

```
.border{ border-color:#6ED6BC }
```

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

Here you see how a box with a 4 pixel #6ED6BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED6BC; -webkit-box-shadow:4px 4px  
4px 4px #6ED6BC; box-shadow:4px 4px 4px  
4px #6ED6BC }
```

Background

The CSS property to change the background color of an element to Hex 6ED6BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED6BC }
```

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

```
.background{ background-color:#6ED6BC }
```

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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