

Converting Colors

Hex(5ED6B9)

Have a look what the booklet for
Hex(5ED6B9) contains.

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Color

Hex(5ED6B9)

Conversions

Conversions Part 1

Format	Color
Hex	5ED6B9
RGB	94, 214, 185
RGB Percent	37%, 84%, 73%
CMY	0.6314, 0.1608, 0.2745
CMYK	0.56, 0.00, 0.14, 0.16
HSL	166°, 59%, 60%
HSV	166°, 56%, 84%
XYZ	37.4196, 53.9756, 54.3451
YIQ	174.8140, -62.2110, -34.4590

Conversions

Conversions Part 2

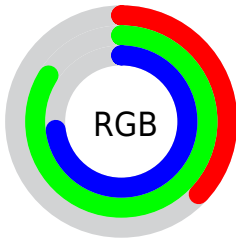
Format	Color
RYB	94, 162, 214
Decimal	6215353
CIELab	78.45, -40.64, 4.19
CIELCh	78, 40.860, 174.108
Yxy	53.9756, 0.2568, 0.3704
Android (android.graphics.Color)	4284405433 (0xFF5ED6B9)
YUV	174.8140, 5.0217, -70.8739
Hunter-Lab	73.4681, -37.6535, 7.5703

Details

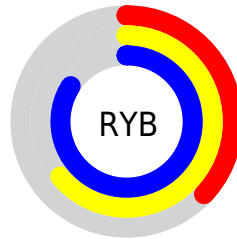
The Hex color **5ED6B9** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D65E7B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **99FFF1**, and **129F84** is the 20% darker color. If you saturate the color by 10%, you get **49D6B4**, and if you desaturate by 10%, it is **73D6BE**.

Distribution



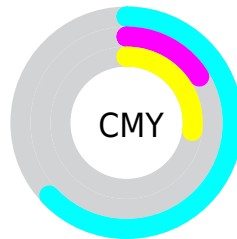
- Red (37%)
- Green (84%)
- Blue (73%)



- Red (37%)
- Yellow (64%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ED6B9 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 5ED6B9 by changing the saturation by 10% instead.

 5ED6B9

 5ED6B9

FFFFFF

 3EBA9E

 99FFF1

 129F84

 B7FFFF

 00846B

 D5FFFF

 006A53

 F3FFFF

 00513C

 003926

 002411

 000000

 5ED6B9

 5ED6B9

 49D6B4

 73D6BE

 33D6AF

 89D6C3

 1ED6A9

 9ED6C9

 08D6A4

 B4D6CE

 00D6A2

 C9D6D3

 DED6D8

 F4D6DD

 FFD6E2

 FFD6E8

Harmonies

Analogous

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



90D294



5ED6B9



2BD6E0

Triad

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



5ED6B9



BCBBFF



FFB086

Complementary

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



5ED6B9



D65E7B

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.



FFA6A5



5ED6B9



EBAEEF

Square

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



5ED6B9



7EC8FF



FFA5CB



E2BD76

Rectangle

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



5ED6B9



2BD3F6



FFA5CB



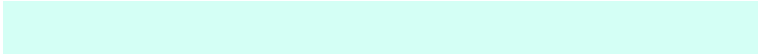
FFAC8F

Sweetspot

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



5ED6B9



D4FFF5



7CD65E



668079



000000



808080

Same Dimension

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



5ED6B9



54FFD6



5EB8D6



606B69



00AB82



002B21

Inverse Universe

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



D65E7B



FF547D



D67C5E



6B6063



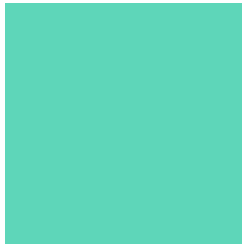
AB0029



2B000A

Previews

White Background



This preview shows how the Hex color 5ED6B9 looks on a white background.

Color Contrast Check

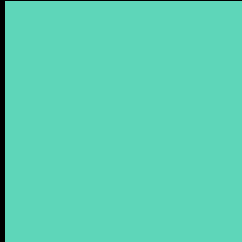
Large Text (above 18pt) WCAG AA × Fail

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 5ED6B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

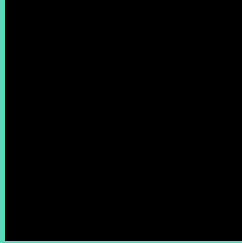
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

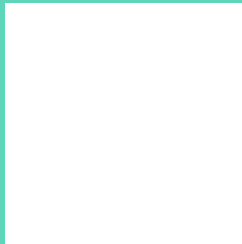
Any Text WCAG AAA ✓ Pass

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

Hex 5ED6B9 Background



This preview shows how black text looks on a background with the Hex color 5ED6B9.

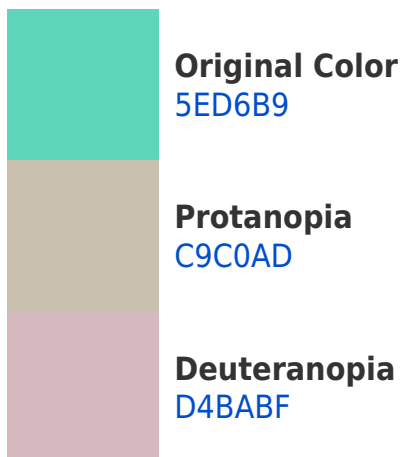


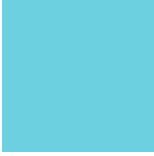
This preview shows how white text looks on a background with the Hex color 5ED6B9.

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
6CD0E1

Trichromacy



Original Color
5ED6B9



Protanomaly
A2C8B1



Deuteranomaly
A9C4BD

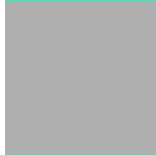


Tritanomaly
67D2D2

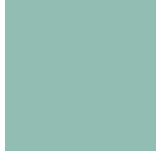
Monochromacy



Original Color
5ED6B9



Achromatopsia
AFAFAF



Achromatomaly
92BDB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 5ED6B9 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 #5ED6B9 looks like.

```
.text, #text, p{  
    color:#5ED6B9  
}
```

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 #5ED6B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED6B9
}
```

Border

The CSS property to change the border of an element to Hex 5ED6B9 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
#5ED6B9 }
```

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

```
.border{ border-color:#5ED6B9 }
```

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

Here you see how a box with a 4 pixel #5ED6B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED6B9; -webkit-box-shadow:4px 4px  
4px 4px #5ED6B9; box-shadow:4px 4px 4px  
4px #5ED6B9 }
```

Background

The CSS property to change the background color of an element to Hex 5ED6B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED6B9 }
```

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

```
.background{ background-color:#5ED6B9 }
```

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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