

Converting Colors

Hex(5EDDAF)

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

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Color

Hex(5EDDAF)

Conversions

Conversions Part 1

Format	Color
Hex	5EDDAF
RGB	94, 221, 175
RGB Percent	37%, 87%, 69%
CMY	0.6314, 0.1333, 0.3137
CMYK	0.57, 0.00, 0.21, 0.13
HSL	158°, 65%, 62%
HSV	158°, 57%, 87%
XYZ	38.2104, 57.1877, 49.5819
YIQ	177.7830, -60.9260, -41.2300

Conversions

Conversions Part 2

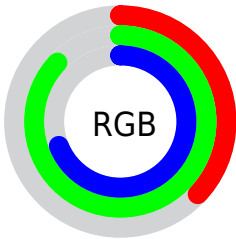
Format	Color
RYB	94, 172, 221
Decimal	6217135
CIELab	80.29, -46.00, 12.14
CIELCh	80, 47.576, 165.216
Yxy	57.1877, 0.2636, 0.3945
Android (android.graphics.Color)	4284407215 (0xFF5EDDAF)
YUV	177.7830, -1.3720, -73.4777
Hunter-Lab	75.6226, -42.1474, 14.0624

Details

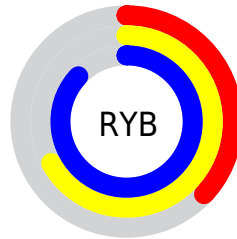
The Hex color **5EDDAF** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **DD5E8C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9AFFE7**, and **0FA57B** is the 20% darker color. If you saturate the color by 10%, you get **48DDA7**, and if you desaturate by 10%, it is **74DDB7**.

Distribution



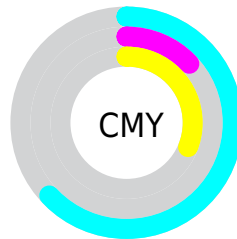
- Red (37%)
- Green (87%)
- Blue (69%)



- Red (37%)
- Yellow (67%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (63%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 5EDDAF

 5EDDAF

FFFFFF

 3DC194

 9AFFE7

 0FA57B

 B7FFFF

 008A62

 D5FFFF

 00704A

 F3FFFF

 005733

 003E1E

 002906

 000200

 000000

 5EDDAF

 5EDDAF

 48DDA7

 74DDB7

 32DD9F

 8ADDBF

 1CDD97

 A0DDC7

 06DD8F

 B6DDCF

 00DD8D

 CDDDD7

 E3DDDF

 F9DDE7

 FFDDEF

 FFDDF7

Harmonies

Analogous

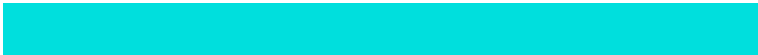
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BD787



5EDDAF



00DFDD

Triad

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



5EDDAF



AAC4FF



FFAE8A

Complementary

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



5EDDAF



DD5E8C

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.



FFA4B2



5EDDAF



E8B3FF

Square

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



5EDDAF



53D2FF



FFA6DF



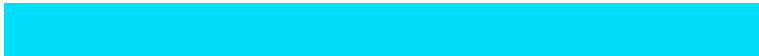
F6BD71

Rectangle

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



5EDDAF



00DDF9



FFA6DF



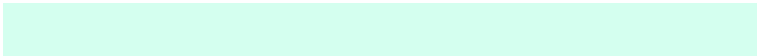
FFA996

Sweetspot

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



5EDDAF



D4FFE9



8DDD5E



668076



000000



808080

Same Dimension

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



5EDDAF



4FFFBF



5ECCDD



636E6A



00AD6F



002E1D

Inverse Universe

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



DD5E8C



FF4F8F



DD6F5E



6E6367



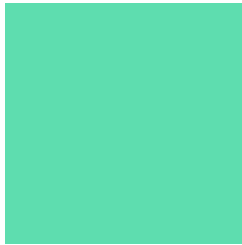
AD003F



2E0011

Previews

White Background



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

Color Contrast Check

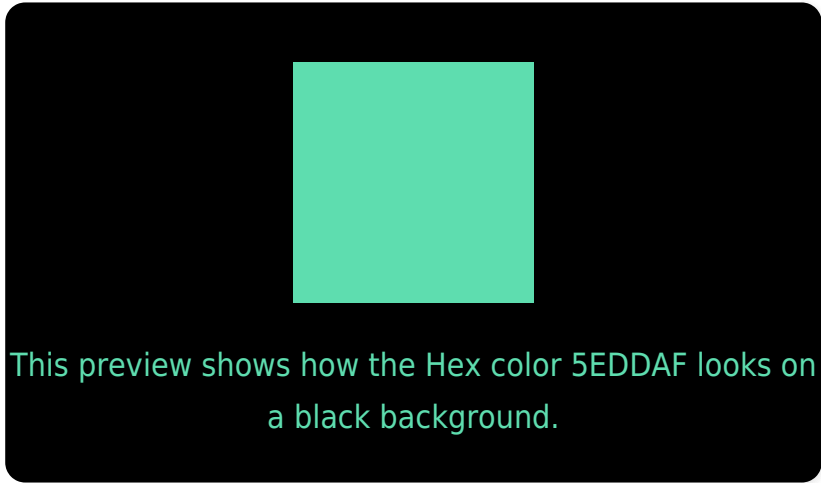
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 5EDDAF Background



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

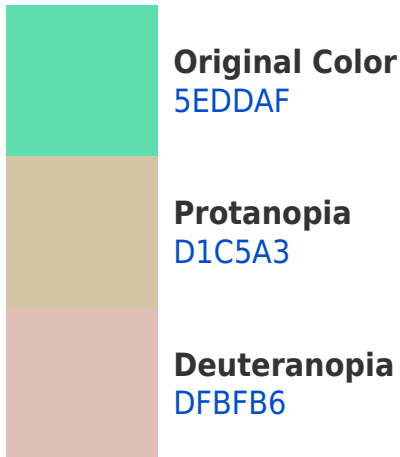


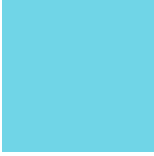
This preview shows how white text looks on a background with the Hex color 5EDDAF.

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
70D5E7

Trichromacy



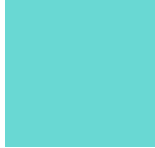
Original Color
5EDDAF



Protanomaly
A7CEA7



Deuteranomaly
B0CAB3

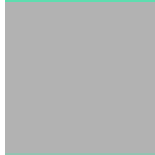


Tritanomaly
69D8D3

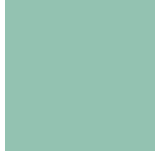
Monochromacy



Original Color
5EDDAF



Achromatopsia
B2B2B2



Achromatomaly
93C2B1

CSS Examples

Text

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

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

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 #5EDDAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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