

Converting Colors

Hex(5FDEC6)

Have a look what the booklet for
Hex(5FDEC6) contains.

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Color

Hex(5FDEC6)

Conversions

Conversions Part 1

Format	Color
Hex	5FDEC6
RGB	95, 222, 198
RGB Percent	37%, 87%, 78%
CMY	0.6275, 0.1294, 0.2235
CMYK	0.57, 0.00, 0.11, 0.13
HSL	169°, 66%, 62%
HSV	169°, 57%, 87%
XYZ	41.0336, 58.7527, 62.6038
YIQ	181.2910, -67.9880, -34.3880

Conversions

Conversions Part 2

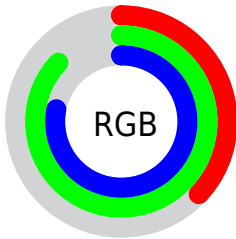
Format	Color
RYB	95, 165, 222
Decimal	6282950
CIELab	81.16, -40.88, 1.20
CIELCh	81, 40.897, 178.315
Yxy	58.7527, 0.2527, 0.3618
Android (android.graphics.Color)	4284473030 (0xFF5FDEC6)
YUV	181.2910, 8.2375, -75.6772
Hunter-Lab	76.6503, -38.5806, 5.2304

Details

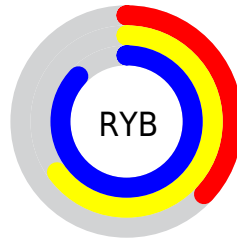
The Hex color **5FDEC6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE5F77**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **9CFFFF**, and **0CA690** is the 20% darker color. If you saturate the color by 10%, you get **49DEC2**, and if you desaturate by 10%, it is **75DECA**.

Distribution



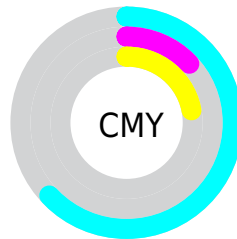
- Red (37%)
- Green (87%)
- Blue (78%)



- Red (37%)
- Yellow (65%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (63%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FDEC6 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 5FDEC6 by changing the saturation by 10% instead.

 5FDEC6

 5FDEC6

FFFFFF

 3EC2AB

 9CFFFF

 0CA690

 B9FFFF

 008B77

 D7FFFF

 00715E

 F6FFFF

 005846

 004030

 002A1B

 000801

 000000

 5FDEC6

 5FDEC6

 49DEC2

 75DECA

 33DEBE

 8BDECE

 1CDEB9

 A2DED3

 06DEB5

 B8DED7

 00DEB4

 CEDEDB

 E4DEDF

 FADEE3

 FFDEE8

 FFDEEC

Harmonies

Analogous

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



90DAA0



5FDEC6



35DDED

Triad

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



5FDEC6



CBC0FF



FFB98A

Complementary

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



5FDEC6



DE5F77

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.



FFAFA7



5FDEC6



F8B3F2

Square

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



5FDEC6



90CEFF



FFACCD



E5C67D

Rectangle

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



5FDEC6



3FDAFF



FFACCD



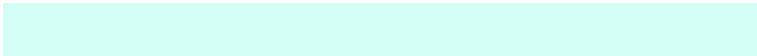
FFB592

Sweetspot

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



5FDEC6



D4FFF7



78DE5F



66807B



000000



808080

Same Dimension

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



5FDEC6



4FFFDE



5FB8DE



65706E



00B08F



003027

Inverse Universe

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



DE5F77



FF4F70



DE855F



706567



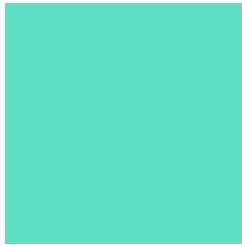
B00021



300009

Previews

White Background



This preview shows how the Hex color 5FDEC6 looks on a white background.

Color Contrast Check

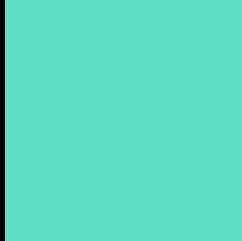
Large Text (above 18pt) WCAG AA × Fail

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 5FDEC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

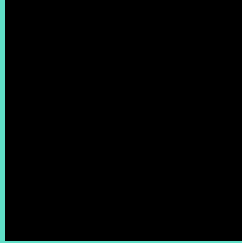
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

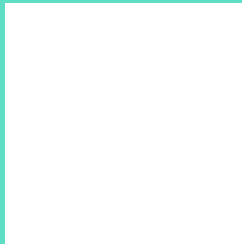
Any Text WCAG AAA ✓ Pass

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

Hex 5FDEC6 Background



This preview shows how black text looks on a background with the Hex color 5FDEC6.



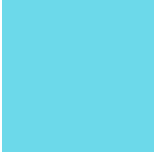
This preview shows how white text looks on a background with the Hex color 5FDEC6.

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



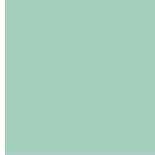


Tritanopia
6CD9EA

Trichromacy



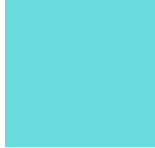
Original Color
5FDEC6



Protanomaly
A6CFBE



Deuteranomaly
ADCCCA

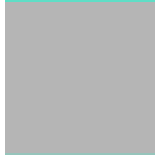


Tritanomaly
67DBDD

Monochromacy



Original Color
5FDEC6



Achromatopsia
B5B5B5



Achromatomaly
96C4BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FDEC6 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 #5FDEC6 looks like.

```
.text, #text, p{  
    color:#5FDEC6  
}
```

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 #5FDEC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FDEC6
}
```

Border

The CSS property to change the border of an element to Hex 5FDEC6 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
#5FDEC6 }
```

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

```
.border{ border-color:#5FDEC6 }
```

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

Here you see how a box with a 4 pixel #5FDEC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FDEC6; -webkit-box-shadow:4px 4px  
4px 4px #5FDEC6; box-shadow:4px 4px 4px  
4px #5FDEC6 }
```

Background

The CSS property to change the background color of an element to Hex 5FDEC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FDEC6 }
```

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

```
.background{ background-color:#5FDEC6 }
```

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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