

Converting Colors

Hex(5DDBA5)

Have a look what the booklet for
Hex(5DDBA5) contains.

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Color

Hex(5DDBA5)

Conversions

Conversions Part 1

Format	Color
Hex	5DDBA5
RGB	93, 219, 165
RGB Percent	36%, 86%, 65%
CMY	0.6353, 0.1412, 0.3529
CMYK	0.58, 0.00, 0.25, 0.14
HSL	154°, 64%, 61%
HSV	154°, 58%, 86%
XYZ	36.6373, 55.7068, 44.4188
YIQ	175.1700, -57.7620, -43.5060

Conversions

Conversions Part 2

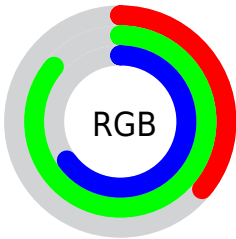
Format	Color
RYB	93, 173, 219
Decimal	6151077
CIELab	79.45, -47.52, 16.23
CIELCh	79, 50.218, 161.142
Yxy	55.7068, 0.2679, 0.4073
Android (android.graphics.Color)	4284341157 (0xFF5DDBA5)
YUV	175.1700, -5.0138, -72.0631
Hunter-Lab	74.6370, -42.9940, 16.9606

Details

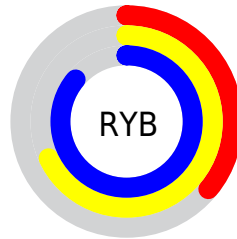
The Hex color **5DDBA5** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DB5D93**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **99FFDC**, and **0EA371** is the 20% darker color. If you saturate the color by 10%, you get **47DB9C**, and if you desaturate by 10%, it is **73DBAE**.

Distribution



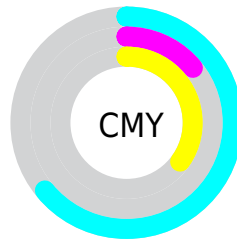
- Red (36%)
- Green (86%)
- Blue (65%)



- Red (36%)
- Yellow (68%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DDBA5 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 5DDBA5 by changing the saturation by 10% instead.

 5DDBA5

 5DDBA5

FFFFFF

 3DBF8B

 99FFDC

 0EA371

 B6FFF9

 008858

 D4FFFF

 006E41

 F2FFFF

 00552A

 003C15

 002600

 000000

 5DDBA5

 5DDBA5

 47DB9C

 73DBAE

 31DB92

 89DBB8

 18DB89

 9FDBC1

 05DB7F

 B5DBC B

 00DB7D

 CBDBD4

 E0DBDD

 F6DBE7

 FFDBF0

 FFDBF9

Harmonies

Analogous

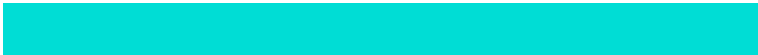
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ED47C



5DDBA5



00DDD5

Triad

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



5DDBA5



99C4FF



FFA889

Complementary

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



5DDBA5



DB5D93

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.



FF9FB5



5DDBA5



E0B2FF

Square

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



5DDBA5



23D2FF



FFA3E4



FBB86C

Rectangle

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



5DDBA5



00DCF4



FFA3E4



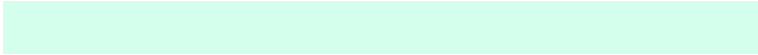
FFA497

Sweetspot

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



5DDBA5



D4FFEC



94DB5D



668075



000000



808080

Same Dimension

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



5DDBA5



4FFFB4



5DD3DB



636E69



00AD63



002E1A

Inverse Universe

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



DB5D93



FF4F9A



DB655D



6E6367



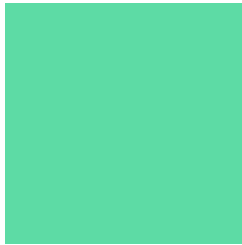
AD004A



2E0014

Previews

White Background



This preview shows how the Hex color 5DDBA5 looks on a white background.

Color Contrast Check

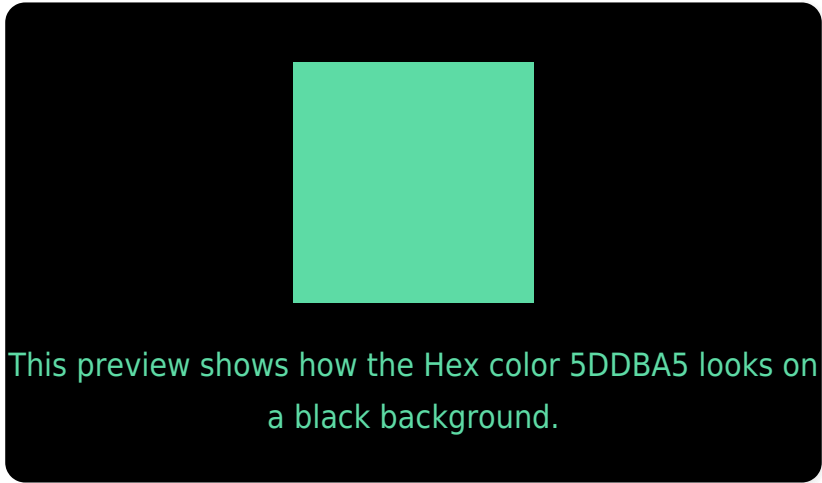
Large Text (above 18pt) WCAG AA × Fail

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

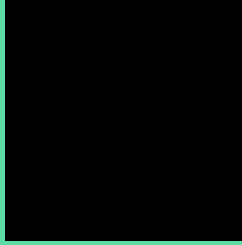
Any Text WCAG AA ✓ Pass

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 5DDBA5 Background



This preview shows how black text looks on a background with the Hex color 5DDBA5.

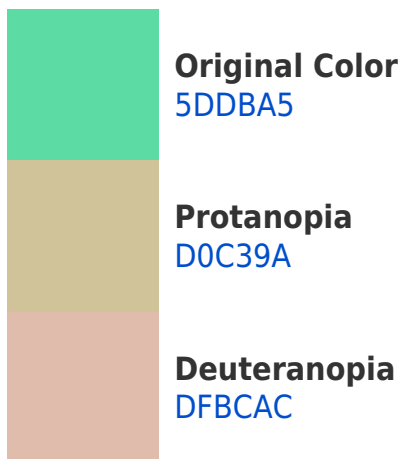


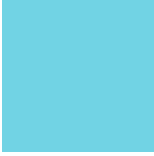
This preview shows how white text looks on a background with the Hex color 5DDBA5.

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
71D3E4

Trichromacy



Original Color
5DDBA5



Protanomaly
A6CC9E



Deuteranomaly
B0C7A9



Tritanomaly
6AD6CD

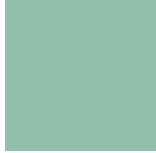
Monochromacy



Original Color
5DDBA5



Achromatopsia
AFAFAF



Achromatomaly
91BFAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DDBA5 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 #5DDBA5 looks like.

```
.text, #text, p{  
    color:#5DDBA5  
}
```

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 #5DDBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DDBA5
}
```

Border

The CSS property to change the border of an element to Hex 5DDBA5 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
#5DDBA5 }
```

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

```
.border{ border-color:#5DDBA5 }
```

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

Here you see how a box with a 4 pixel #5DDBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DDBA5; -webkit-box-shadow:4px 4px  
4px 4px #5DDBA5; box-shadow:4px 4px 4px  
4px #5DDBA5 }
```

Background

The CSS property to change the background color of an element to Hex 5DDBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DDBA5 }
```

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

```
.background{ background-color:#5DDBA5 }
```

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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