

Converting Colors

Hex(5DE3A0)

Have a look what the booklet for
Hex(5DE3A0) contains.

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Color

Hex(5DE3A0)

Conversions

Conversions Part 1

Format	Color
Hex	5DE3A0
RGB	93, 227, 160
RGB Percent	36%, 89%, 63%
CMY	0.6353, 0.1098, 0.3725
CMYK	0.59, 0.00, 0.30, 0.11
HSL	150°, 71%, 63%
HSV	150°, 59%, 89%
XYZ	38.3284, 59.8034, 42.7808
YIQ	179.2960, -58.3570, -49.2450

Conversions

Conversions Part 2

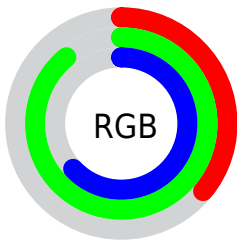
Format	Color
RYB	93, 182, 227
Decimal	6153120
CIELab	81.73, -51.85, 22.02
CIELCh	82, 56.335, 156.994
Yxy	59.8034, 0.2720, 0.4244
Android (android.graphics.Color)	4284343200 (0xFF5DE3A0)
YUV	179.2960, -9.5129, -75.6816
Hunter-Lab	77.3327, -46.8620, 21.3333

Details

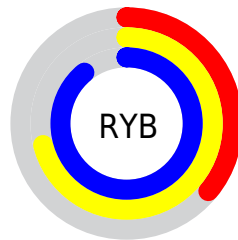
The Hex color **5DE3A0** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E35DA0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9AFFD7**, and **06AB6C** is the 20% darker color. If you saturate the color by 10%, you get **46E395**, and if you desaturate by 10%, it is **74E3AB**.

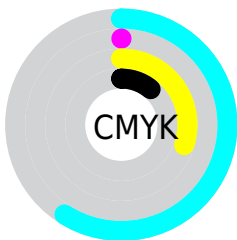
Distribution



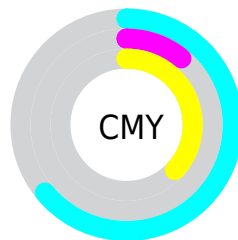
- Red (36%)
- Green (89%)
- Blue (63%)



- Red (36%)
- Yellow (71%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DE3A0 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 5DE3A0 by changing the saturation by 10% instead.

 5DE3A0

 5DE3A0


FFFFFF

 3CC686

 9AFFD7

 06AB6C

 B7FFF3

 008F54

 D5FFFF

 00753C

 F4FFFF

 005B25

 004210

 002C00

 000C00

 000000

 5DE3A0

 5DE3A0

 46E395

 74E3AB

 30E389

 8AE3B7

 19E37E

 A1E3C2

 02E373

 B8E3CD

 00E372

 CFE3D9

 E5E3E4

 FCE3EF

 FFE3FB

 FFE3FF

Harmonies

Analogous

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



A7DA74



5DE3A0



00E6D6

Triad

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



5DE3A0



88CDFE



FFA78E

Complementary

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



5DE3A0



E35DA0

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.



FF9FC1



5DE3A0



E0B8FF

Square

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



5DE3A0



00DCFF



FFA6F6



FFBA6A

Rectangle

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



5DE3A0



00E5F9



FFA6F6



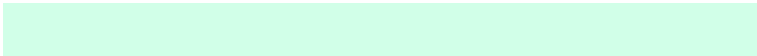
FFA39E

Sweetspot

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



5DE3A0



D1FFE8



A0E35D



638071



000000



808080

Same Dimension

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



5DE3A0



4AFFA4



5DE3E3



67736D



00B359



00331A

Inverse Universe

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



E35DA0



FF4AA4



E35D5D



73676D



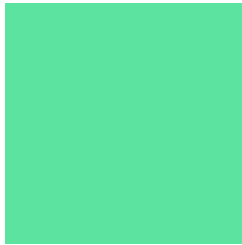
B30059



33001A

Previews

White Background



This preview shows how the Hex color 5DE3A0 looks on a white background.

Color Contrast Check

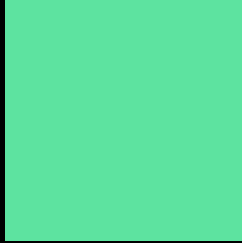
Large Text (above 18pt) WCAG AA × Fail

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 5DE3A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

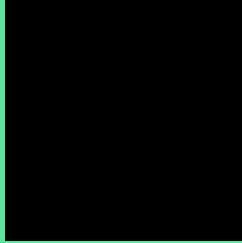
Any Text WCAG AA ✓ Pass

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 5DE3A0 Background



This preview shows how black text looks on a background with the Hex color 5DE3A0.

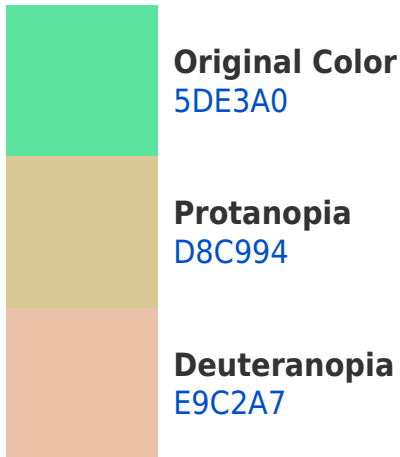


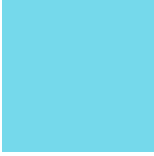
This preview shows how white text looks on a background with the Hex color 5DE3A0.

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
75D9EB

Trichromacy



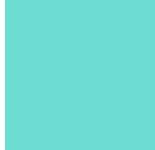
Original Color
5DE3A0



Protanomaly
ABD298



Deuteranomaly
B6CEA4



Tritanomaly
6CDDD0

Monochromacy



Original Color
5DE3A0



Achromatopsia
B3B3B3



Achromatomaly
94C4AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DE3A0 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 #5DE3A0 looks like.

```
.text, #text, p{  
    color:#5DE3A0  
}
```

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 #5DE3A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE3A0
}
```

Border

The CSS property to change the border of an element to Hex 5DE3A0 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
#5DE3A0 }
```

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

```
.border{ border-color:#5DE3A0 }
```

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

Here you see how a box with a 4 pixel #5DE3A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE3A0; -webkit-box-shadow:4px 4px  
4px 4px #5DE3A0; box-shadow:4px 4px 4px  
4px #5DE3A0 }
```

Background

The CSS property to change the background color of an element to Hex 5DE3A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE3A0 }
```

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

```
.background{ background-color:#5DE3A0 }
```

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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