

Converting Colors

Hex(5DDE9A)

Have a look what the booklet for
Hex(5DDE9A) contains.

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Color

Hex(5DDE9A)

Conversions

Conversions Part 1

Format	Color
Hex	5DDE9A
RGB	93, 222, 154
RGB Percent	36%, 87%, 60%
CMY	0.6353, 0.1294, 0.3961
CMYK	0.58, 0.00, 0.31, 0.13
HSL	148°, 66%, 62%
HSV	148°, 58%, 87%
XYZ	36.4682, 56.9028, 39.6331
YIQ	175.6770, -55.0560, -48.4960

Conversions

Conversions Part 2

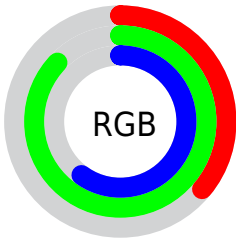
Format	Color
RYB	93, 181, 222
Decimal	6151834
CIELab	80.12, -51.01, 22.93
CIElCh	80, 55.924, 155.792
Yxy	56.9028, 0.2742, 0.4278
Android (android.graphics.Color)	4284341914 (0xFF5DDE9A)
YUV	175.6770, -10.6868, -72.5077
Hunter-Lab	75.4339, -45.7144, 21.6527

Details

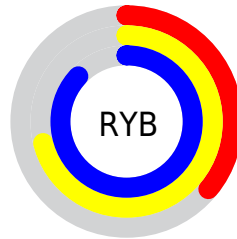
The Hex color **5DDE9A** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DE5DA1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **99FFD1**, and **0CA666** is the 20% darker color. If you saturate the color by 10%, you get **47DE8E**, and if you desaturate by 10%, it is **73DEA6**.

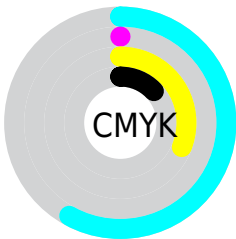
Distribution



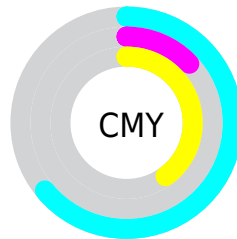
- Red (36%)
- Green (87%)
- Blue (60%)



- Red (36%)
- Yellow (71%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DDE9A 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 5DDE9A by changing the saturation by 10% instead.

 5DDE9A

 5DDE9A

FFFFFF

 3CC280

 99FFD1

 0CA666

 B6FFED

 008B4E

 D4FFFF

 007037

 F2FFFF

 005720

 003E0A

 002800

 000100

 000000

 5DDE9A

 5DDE9A

 47DE8E

 73DEA6

 31DE83

 89DEB1

 1ADE77

 A0DEBD

 04DE6B

 B6DEC9

 00DE69

 CCDED5

 E2DEE0

 F8DEEC

 FFDEF8

 FFDEFF

Harmonies

Analogous

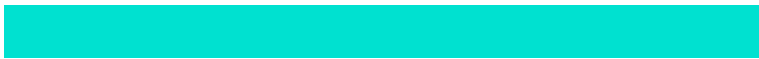
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5D56F



5DDE9A



00E1D0

Triad

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



5DDE9A



80C9FF



FFA38C

Complementary

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



5DDE9A



DE5DA1

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.



FF9BBF



5DDE9A



D8B5FF

Square

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



5DDE9A



00D8FF



FFA2F3



FFB567

Rectangle

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



5DDE9A



00E1F3



FFA2F3



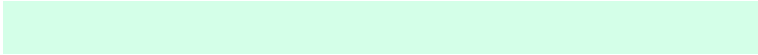
FF9E9C

Sweetspot

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



5DDE9A



D4FFE8



A2DE5D



668072



000000



808080

Same Dimension

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



5DDE9A



4DFFA1



5DDEDA



65706A



00B053



003017

Inverse Universe

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



DE5DA1



FF4DAB



DE5D61



70656B



B0005D



30001A

Previews

White Background



This preview shows how the Hex color 5DDE9A 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 5DDE9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

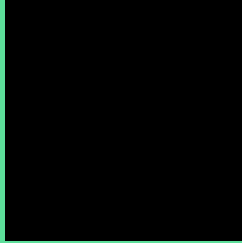
Any Text WCAG AA ✓ Pass

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 5DDE9A Background



This preview shows how black text looks on a background with the Hex color 5DDE9A.

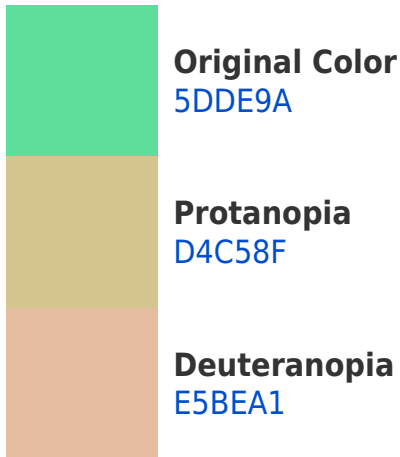


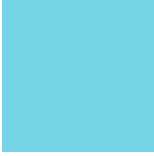
This preview shows how white text looks on a background with the Hex color 5DDE9A.

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](#).

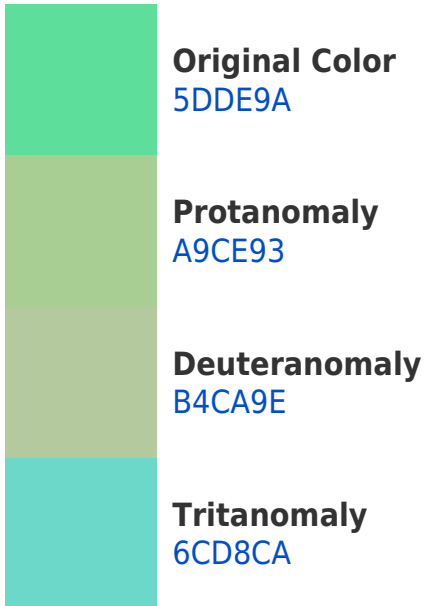
Dichromacy



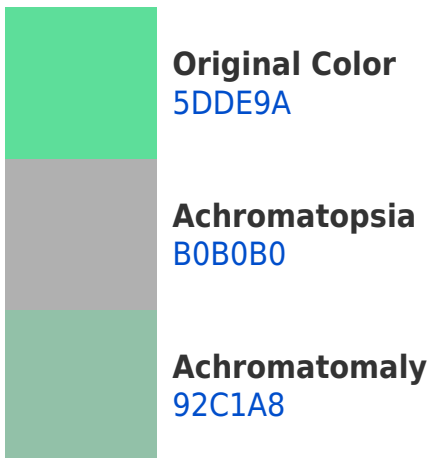


Tritanopia
74D4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DDE9A 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 #5DDE9A looks like.

```
.text, #text, p{  
    color:#5DDE9A  
}
```

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 #5DDE9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DDE9A
}
```

Border

The CSS property to change the border of an element to Hex 5DDE9A 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
#5DDE9A }
```

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

```
.border{ border-color:#5DDE9A }
```

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

Here you see how a box with a 4 pixel #5DDE9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DDE9A; -webkit-box-shadow:4px 4px  
4px 4px #5DDE9A; box-shadow:4px 4px 4px  
4px #5DDE9A }
```

Background

The CSS property to change the background color of an element to Hex 5DDE9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DDE9A }
```

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

```
.background{ background-color:#5DDE9A }
```

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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