

# Converting Colors

Hex(5DE8B2)

Have a look what the booklet for  
Hex(5DE8B2) contains.

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# Color

Hex(5DE8B2)

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE8B2
RGB	93, 232, 178
RGB Percent	36%, 91%, 70%
CMY	0.6353, 0.0902, 0.3020
CMYK	0.60, 0.00, 0.23, 0.09
HSL	157°, 75%, 64%
HSV	157°, 60%, 91%
XYZ	41.4067, 63.2547, 52.1465
YIQ	184.2830, -65.5100, -46.2620

# Conversions

## Conversions Part 2

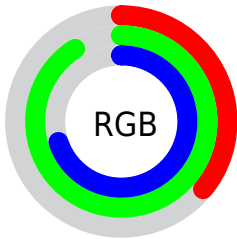
Format	Color
<a href="#">RYB</a>	<a href="#">93, 179, 232</a>
Decimal	<a href="#">6154418</a>
CIELab	<a href="#">83.58, -50.17, 15.21</a>
CIELCh	<a href="#">84, 52.425, 163.139</a>
Yxy	<a href="#">63.2547, 0.2641, 0.4034</a>
Android (android.graphics.Color)	<a href="#">4284344498 (0xFF5DE8B2)</a>
YUV	<a href="#">184.2830, -3.0975, -80.0552</a>
Hunter-Lab	<a href="#">79.5328, -46.2511, 16.7989</a>

# Details

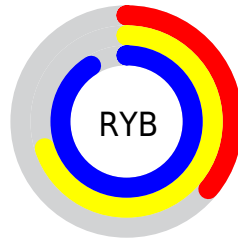
The Hex color **5DE8B2** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **E85D93**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9AFFEA**, and **00AF7D** is the 20% darker color. If you saturate the color by 10%, you get **46E8A9**, and if you desaturate by 10%, it is **74E8BB**.

# Distribution



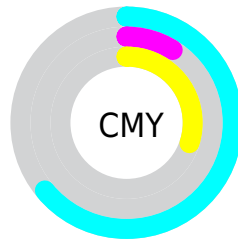
- Red (36%)
- Green (91%)
- Blue (70%)



- Red (36%)
- Yellow (70%)
- Blue (91%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE8B2 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 5DE8B2 by changing the saturation by 10% instead.



 5DE8B2

 5DE8B2

FFFFFF

 3BCB97

 9AFFEA

 00AF7D

 B8FFFF

 009464

 D7FFFF

 007A4C

 F5FFFF

 006035

 004720

 003009

 001500

 000000

 5DE8B2

 5DE8B2

 46E8A9

 74E8BB

 2FE8A0

 8BE8C4

 17E897

 A3E8CD

 00E88E

 BAE8D6

 D1E8DF

 E8E8E8

 FFE8F1

 FFE8FA

 FFE8FF

# Harmonies

## Analogous

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



A3E186



5DE8B2



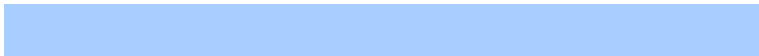
00EAE5

# Triad

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



5DE8B2



A8CEFF



FFB38F

# Complementary

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



5DE8B2



E85D93

# 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.



FFA8BC



5DE8B2



F1BBFF

# Square

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



5DE8B2



35DDFF



FFACEE



FFC471

# Rectangle

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



5DE8B2



00E8FF



FFACEE



FFAE9D

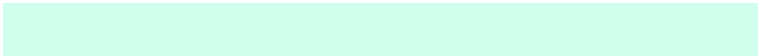


# Sweetspot

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



5DE8B2



D1FFED



95E85D



638075



000000



808080



# Same Dimension

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



5DE8B2



47FFB8



5DDAE8



67736E



00B36D



00331F



# Inverse Universe

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



E85D93



FF478F



E86B5D



73676C



B30045

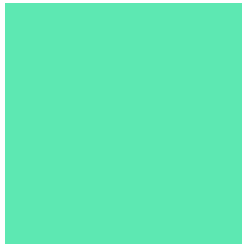


330014



# Previews

## White Background



This preview shows how the Hex color 5DE8B2 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 5DE8B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

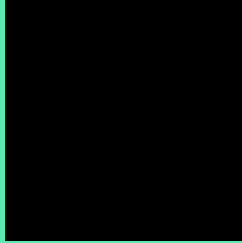
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DE8B2 Background



This preview shows how black text looks on a background with the Hex color 5DE8B2.

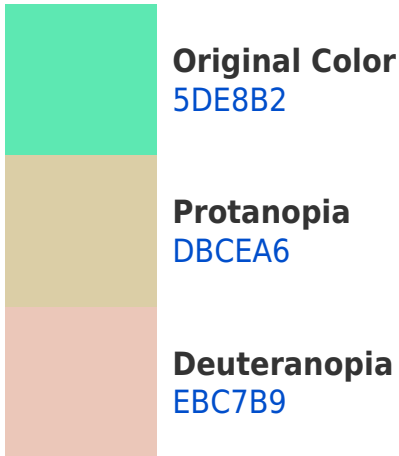


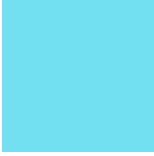
This preview shows how white text looks on a background with the Hex color 5DE8B2.

# 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**  
73E0F2

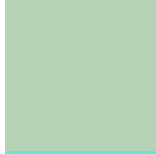
# Trichromacy



**Original Color**  
5DE8B2



**Protanomaly**  
ADD7AA



**Deuteranomaly**  
B7D3B6

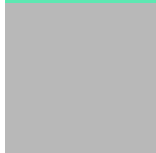


**Tritanomaly**  
6BE3DB

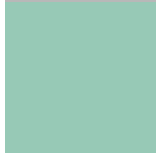
# Monochromacy



**Original Color**  
5DE8B2



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
97C9B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE8B2 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 #5DE8B2 looks like.

```
.text, #text, p{  
    color:#5DE8B2  
}
```

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 #5DE8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE8B2
}
```

## Border

The CSS property to change the border of an element to Hex 5DE8B2 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
#5DE8B2 }
```

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

```
.border{ border-color:#5DE8B2 }
```

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

Here you see how a box with a 4 pixel #5DE8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE8B2; -webkit-box-shadow:4px 4px  
4px 4px #5DE8B2; box-shadow:4px 4px 4px  
4px #5DE8B2 }
```

# Background

The CSS property to change the background color of an element to Hex 5DE8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE8B2 }
```

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

```
.background{ background-color:#5DE8B2 }
```

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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