

# Converting Colors

Hex(6DE282)

Have a look what the booklet for  
Hex(6DE282) contains.

<b>Hex(6DE282)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6DE282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DE282
RGB	109, 226, 130
RGB Percent	43%, 89%, 51%
CMY	0.5725, 0.1137, 0.4902
CMYK	0.52, 0.00, 0.42, 0.11
HSL	131°, 67%, 66%
HSV	131°, 52%, 89%
XYZ	37.5323, 59.2556, 30.5784
YIQ	180.0730, -38.9160, -54.6600

# Conversions

## Conversions Part 2

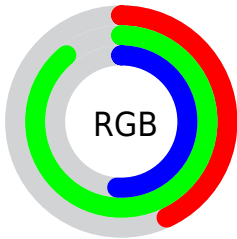
Format	Color
<a href="#">RYB</a>	<a href="#">109, 208, 226</a>
Decimal	<a href="#">7201410</a>
CIELab	<a href="#">81.43, -53.14, 37.01</a>
CIELCh	<a href="#">81, 64.760, 145.142</a>
Yxy	<a href="#">59.2556, 0.2947, 0.4652</a>
Android (android.graphics.Color)	<a href="#">4285391490 (0xFF6DE282)</a>
YUV	<a href="#">180.0730, -24.6860, -62.3310</a>
Hunter-Lab	<a href="#">76.9777, -47.6790, 30.3322</a>

# Details

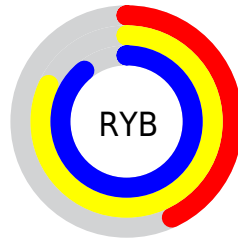
The Hex color **6DE282** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E26DCD**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A7FFB8**, and **2DAA4F** is the 20% darker color. If you saturate the color by 10%, you get **56E26F**, and if you desaturate by 10%, it is **84E295**.

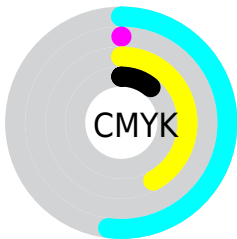
# Distribution



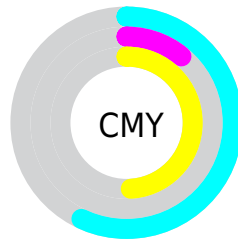
- Red (43%)
- Green (89%)
- Blue (51%)



- Red (43%)
- Yellow (82%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (57%)
- Magenta (11%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DE282 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 6DE282 by changing the saturation by 10% instead.



 6DE282

 6DE282

FFFFFF

 4FC668

 A7FFB8

 2DAA4F

 C5FFD4

 008E36

 E3FFF1

 00741E

 005A01

 004200

 002C00

 000A00

 000000

 6DE282

 6DE282

 56E26F

 84E295

 40E25D

 9AE2A7

 29E24A

 B1E2BA

 13E238

 C7E2CC

 00E229

 DEE2DF

 F5E2F1

 FFE2FF

# Harmonies

## Analogous

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



BAD656



6DE282



00E8BE

# Triad

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



6DE282



00D4FF



FF999A

# Complementary

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



6DE282



E26DCD

# 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.



FF96D7



6DE282



BDBEFF

# Square

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



6DE282



00E2FF



FFA6FF



FFAD68

# Rectangle

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



6DE282



00E8E8



FFA6FF



FF96AE

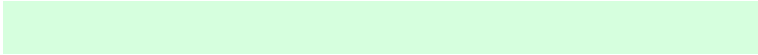


# Sweetspot

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



6DE282



D6FFDE



CEE26D



67806C



000000



808080



# Same Dimension

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



6DE282



61FF7D



6DE2BB



657067



00B020



003009



# Inverse Universe

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



E26DCD



FF61E3



E26D94



70656E



B00090

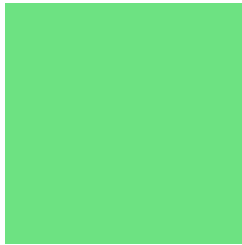


300028



# Previews

## White Background



This preview shows how the Hex color 6DE282 looks on a white background.

## Color Contrast Check

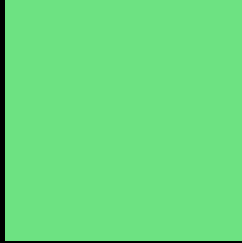
Large Text (above 18pt) WCAG AA × Fail

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 6DE282 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

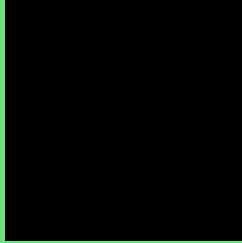
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DE282 Background



This preview shows how black text looks on a background with the Hex color 6DE282.

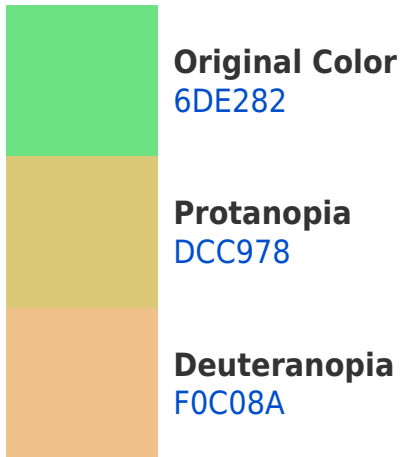


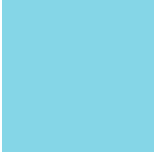
This preview shows how white text looks on a background with the Hex color 6DE282.

# 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**  
85D6E7

# Trichromacy



**Original Color**  
6DE282



**Protanomaly**  
B4D27C



**Deuteranomaly**  
C0CC87



**Tritanomaly**  
7CDAC2

# Monochromacy



**Original Color**  
6DE282



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
9AC5A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DE282 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 #6DE282 looks like.

```
.text, #text, p{  
    color:#6DE282  
}
```

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 #6DE282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE282
}
```

## Border

The CSS property to change the border of an element to Hex 6DE282 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
#6DE282 }
```

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

```
.border{ border-color:#6DE282 }
```

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

Here you see how a box with a 4 pixel #6DE282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE282; -webkit-box-shadow:4px 4px  
4px 4px #6DE282; box-shadow:4px 4px 4px  
4px #6DE282 }
```

# Background

The CSS property to change the background color of an element to Hex 6DE282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE282 }
```

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

```
.background{ background-color:#6DE282 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor