

Converting Colors

Hex(6DE087)

Have a look what the booklet for
Hex(6DE087) contains.

Hex(6DE087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6DE087)

Conversions

Conversions Part 1

Format	Color
Hex	6DE087
RGB	109, 224, 135
RGB Percent	43%, 88%, 53%
CMY	0.5725, 0.1216, 0.4706
CMYK	0.51, 0.00, 0.40, 0.12
HSL	134°, 65%, 65%
HSV	134°, 51%, 88%
XYZ	37.3355, 58.3118, 32.2092
YIQ	179.4690, -39.9710, -52.0590

Conversions

Conversions Part 2

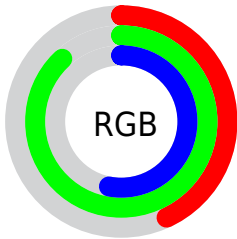
Format	Color
RYB	109, 203, 224
Decimal	7200903
CIELab	80.91, -51.54, 33.83
CIELCh	81, 61.651, 146.721
Yxy	58.3118, 0.2920, 0.4561
Android (android.graphics.Color)	4285390983 (0xFF6DE087)
YUV	179.4690, -21.9232, -61.8013
Hunter-Lab	76.3622, -46.3603, 28.4453

Details

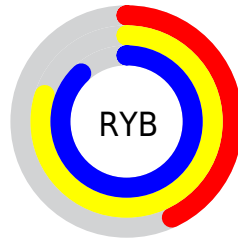
The Hex color **6DE087** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E06DC6**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A7FFBD**, and **2EA854** is the 20% darker color. If you saturate the color by 10%, you get **57E076**, and if you desaturate by 10%, it is **83E098**.

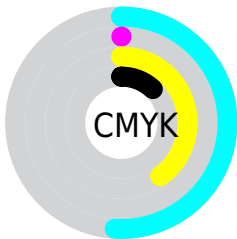
Distribution



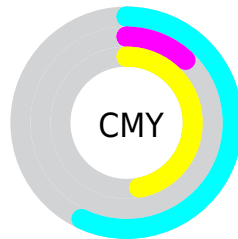
- Red (43%)
- Green (88%)
- Blue (53%)



- Red (43%)
- Yellow (80%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (40%)
- Black (12%)



- Cyan (57%)
- Magenta (12%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE087 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 6DE087 by changing the saturation by 10% instead.

 6DE087

 6DE087

FFFFFF

 4FC46D

 A7FFBD

 2EA854

 C4FFD9

 008D3C

 E2FFF6

 007224

 00590A

 004000

 002A00

 000600

 000000

 6DE087

 6DE087

 57E076

 83E098

 40E064

 9AE0AA

 2AE053

 B0E0BB

 13E042

 C7E0CC

 00E033

 DDE0DE

 F3E0EF

 FFE0FF

Harmonies

Analogous

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



B6D55D



6DE087



00E5C0

Triad

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



6DE087



3BD1FF



FF9C98

Complementary

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



6DE087



E06DC6

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.



FF97D2



6DE087



C2BCFF

Square

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



6DE087



00DFFF



FFA5FF



FFAE69

Rectangle

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



6DE087



00E6E8



FFA5FF



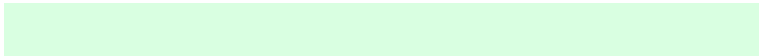
FF98AB

Sweetspot

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



6DE087



D9FFE1



C7E06D



69806E



000000



808080

Same Dimension

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



6DE087



61FF85



6DE0BF



657068



00B028



00300B

Inverse Universe

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



E06DC6



FF61DB



E06D8E



70656E



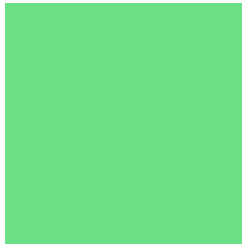
B00088



300025

Previews

White Background



This preview shows how the Hex color 6DE087 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 6DE087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

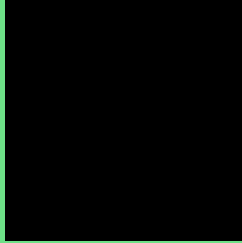
Any Text WCAG AA ✓ Pass

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 6DE087 Background



This preview shows how black text looks on a background with the Hex color 6DE087.

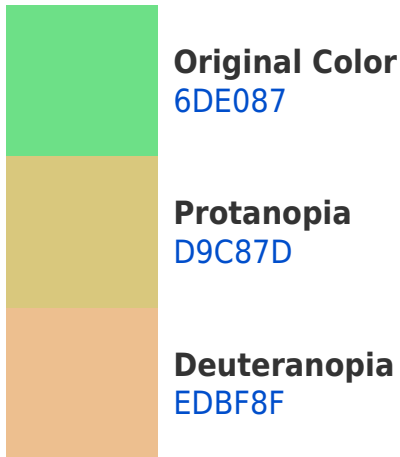


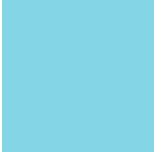
This preview shows how white text looks on a background with the Hex color 6DE087.

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
84D5E6

Trichromacy



Original Color
6DE087



Protanomaly
B2D181



Deuteranomaly
BECB8C



Tritanomaly
7CD9C3

Monochromacy



Original Color
6DE087



Achromatopsia
B3B3B3



Achromatomaly
9AC3A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE087 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 #6DE087 looks like.

```
.text, #text, p{  
    color:#6DE087  
}
```

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 #6DE087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE087
}
```

Border

The CSS property to change the border of an element to Hex 6DE087 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
#6DE087 }
```

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

```
.border{ border-color:#6DE087 }
```

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

Here you see how a box with a 4 pixel #6DE087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE087; -webkit-box-shadow:4px 4px  
4px 4px #6DE087; box-shadow:4px 4px 4px  
4px #6DE087 }
```

Background

The CSS property to change the background color of an element to Hex 6DE087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE087 }
```

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

```
.background{ background-color:#6DE087 }
```

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