

Converting Colors

Hex(6CD087)

Have a look what the booklet for
Hex(6CD087) contains.

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Color

Hex(6CD087)

Conversions

Conversions Part 1

Format	Color
Hex	6CD087
RGB	108, 208, 135
RGB Percent	42%, 82%, 53%
CMY	0.5765, 0.1843, 0.4706
CMYK	0.48, 0.00, 0.35, 0.18
HSL	136°, 52%, 62%
HSV	136°, 48%, 82%
XYZ	33.1134, 50.0492, 30.8369
YIQ	169.7780, -36.1670, -43.9030

Conversions

Conversions Part 2

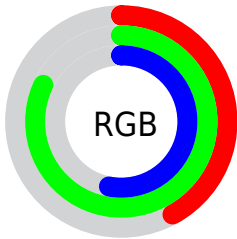
Format	Color
RYB	108, 187, 208
Decimal	7131271
CIELab	76.10, -45.16, 27.45
CIELCh	76, 52.846, 148.704
Yxy	50.0492, 0.2905, 0.4390
Android (android.graphics.Color)	4285321351 (0xFF6CD087)
YUV	169.7780, -17.1456, -54.1793
Hunter-Lab	70.7454, -40.2551, 23.6782

Details

The Hex color **6CD087** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D06CB5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A5FFBD**, and **319954** is the 20% darker color. If you saturate the color by 10%, you get **57D078**, and if you desaturate by 10%, it is **81D096**.

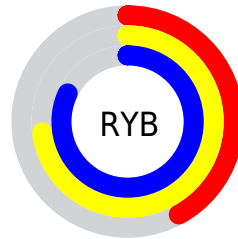
Distribution



Red (42%)

Green (82%)

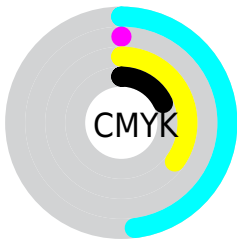
Blue (53%)



Red (42%)

Yellow (73%)

Blue (82%)

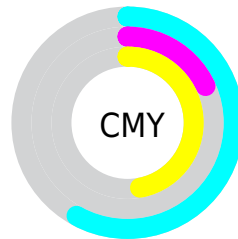


Cyan (48%)

Magenta (0%)

Yellow (35%)

Black (18%)



Cyan (58%)

Magenta (18%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD087 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 6CD087 by changing the saturation by 10% instead.

 6CD087

 6CD087

FFFFFF

 50B46D

 A5FFBD

 319954

 C1FFD9

 057E3D

 DFFFF5

 006425

 FCFFFF

 004C0E

 003400

 001E00

 000000

 6CD087

 6CD087

 57D078

 81D096

 42D069

 96D0A5

 2ED059

 AAD0B5

 19D04A

 BFD0C4

 04D03B

 D4D0D3

 00D038

 E9D0E2

 FED0F1

 FFD0FF

Harmonies

Analogous

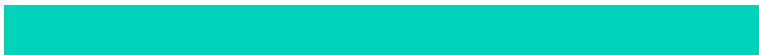
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9C763



6CD087



00D4B8

Triad

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



6CD087



5FC1FF



FF978F

Complementary

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



6CD087



D06CB5

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.



FF93C0



6CD087



BCB0FF

Square

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



6CD087



00CEFF



F69DEF



FFA669

Rectangle

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



6CD087



00D4D9



F69DEF



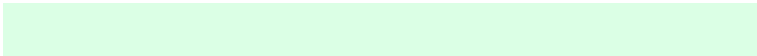
FF949F

Sweetspot

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



6CD087



DBFFE5



B5D06C



6A8070



000000



808080

Same Dimension

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



6CD087



6BFF93



6CD0B9



5E6961



00A82D



00290B

Inverse Universe

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



D06CB5



FF6BD7



D06C83



695E66



A8007B



29001E

Previews

White Background



This preview shows how the Hex color 6CD087 looks on a white background.

Color Contrast Check

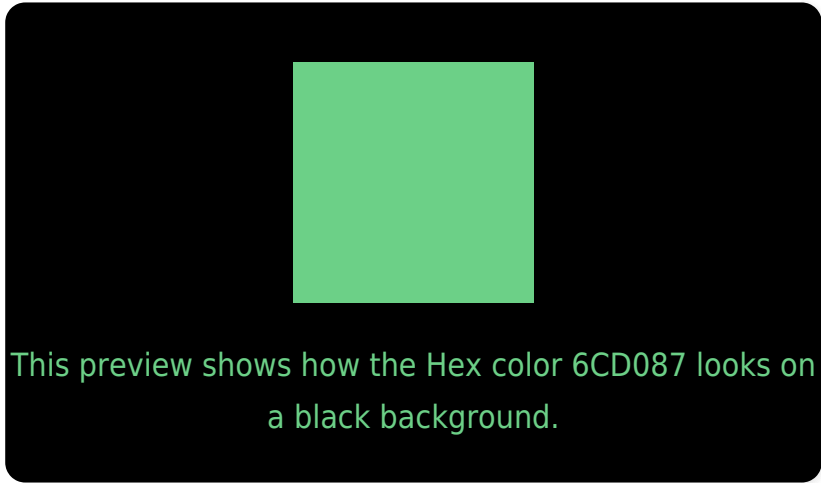
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

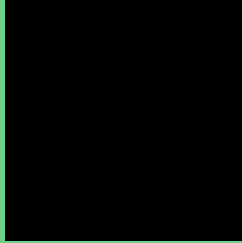
Any Text WCAG AA ✓ Pass

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 6CD087 Background



This preview shows how black text looks on a background with the Hex color 6CD087.

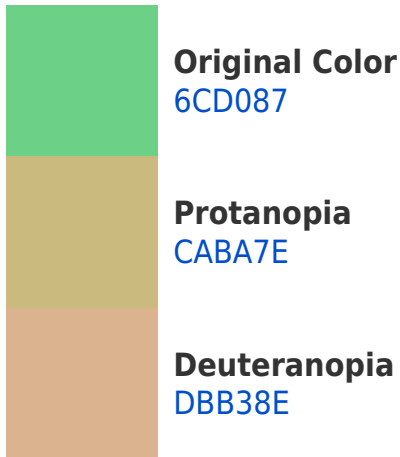


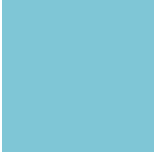
This preview shows how white text looks on a background with the Hex color 6CD087.

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
7FC6D6

Trichromacy



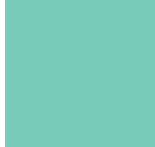
Original Color
6CD087



Protanomaly
A8C281



Deuteranomaly
B3BE8B



Tritanomaly
78CAB9

Monochromacy



Original Color
6CD087



Achromatopsia
AAAAAA



Achromatomaly
93B89D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD087 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 #6CD087 looks like.

```
.text, #text, p{  
    color:#6CD087  
}
```

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 #6CD087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD087
}
```

Border

The CSS property to change the border of an element to Hex 6CD087 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
#6CD087 }
```

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

```
.border{ border-color:#6CD087 }
```

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

Here you see how a box with a 4 pixel #6CD087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD087; -webkit-box-shadow:4px 4px  
4px 4px #6CD087; box-shadow:4px 4px 4px  
4px #6CD087 }
```

Background

The CSS property to change the background color of an element to Hex 6CD087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD087 }
```

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

```
.background{ background-color:#6CD087 }
```

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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