

Converting Colors

Hex(67D187)

Have a look what the booklet for
Hex(67D187) contains.

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Color

Hex(67D187)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 67D187 |
| RGB | 103, 209, 135 |
| RGB Percent | 40%, 82%, 53% |
| CMY | 0.5961, 0.1804, 0.4706 |
| CMYK | 0.51, 0.00, 0.35, 0.18 |
| HSL | 138°, 54%, 61% |
| HSV | 138°, 51%, 82% |
| XYZ | 32.7672, 50.2338, 30.8907 |
| YIQ | 168.8700, -39.4220, -45.4860 |

Conversions

Conversions Part 2

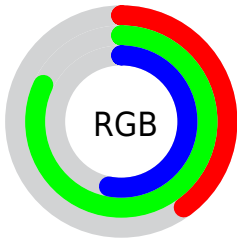
| Format | Color |
|-------------------------------------|--|
| RYB | 103, 184, 209 |
| Decimal | 6803847 |
| CIELab | 76.21, -46.87, 27.57 |
| CIELCh | 76, 54.381, 149.538 |
| Yxy | 50.2338, 0.2877, 0.4411 |
| Android (android.graphics.Color) | 4284993927 (0xFF67D187) |
| YUV | 168.8700, -16.6979, -57.7680 |
| Hunter-Lab | 70.8758, -41.5088, 23.7719 |

Details

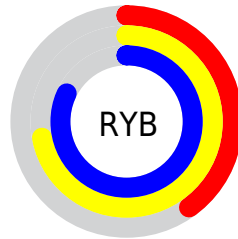
The Hex color **67D187** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D167B1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A0FFBD**, and **2A9A54** is the 20% darker color. If you saturate the color by 10%, you get **52D178**, and if you desaturate by 10%, it is **7CD196**.

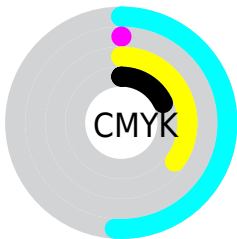
Distribution



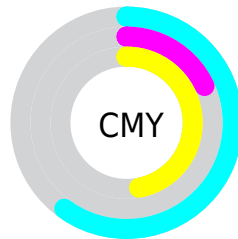
- Red (40%)
- Green (82%)
- Blue (53%)



- Red (40%)
- Yellow (72%)
- Blue (82%)



- Cyan (51%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (60%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67D187 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 67D187 by changing the saturation by 10% instead.

 67D187

 67D187

FFFFFF

 4AB56D

 A0FFBD

 2A9A54

 BDFFD9

 007F3D

 DAFFF5

 006525

 F8FFFF

 004C0E

 003400

 001E00

 000000

 67D187

 67D187

 52D178

 7CD196

 3DD16A

 91D1A4

 28D15B

 A6D1B3

 13D14D

 BBD1C1

 00D13F

 D0D1D0

 E4D1DF

 F9D1ED

 FFD1FC

 FFD1FF

Harmonies

Analogous

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



A7C861



67D187



00D5B9

Triad

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



67D187



5EC1FF



FF968D

Complementary

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



67D187



D167B1

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.



FF92BF



67D187



BEAFFF

Square

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



67D187



00CEFF



F99CF0



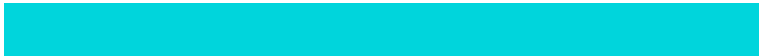
FFA766

Rectangle

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



67D187



00D5DC



F99CF0



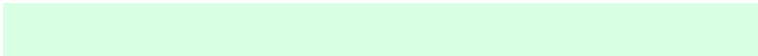
FF939D

Sweetspot

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



67D187



D9FFE4



B1D167



69806F



000000



808080

Same Dimension

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



67D187



63FF92



67D1BC



5E6961



00A833



00290C

Inverse Universe

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



D167B1



FF63D0



D1677C



695E65



A80075



29001C

Previews

White Background



This preview shows how the Hex color 67D187 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 67D187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

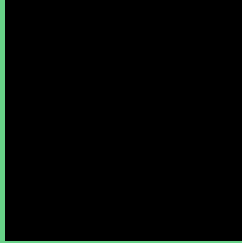
Any Text WCAG AA ✓ Pass

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 67D187 Background



This preview shows how black text looks on a background with the Hex color 67D187.

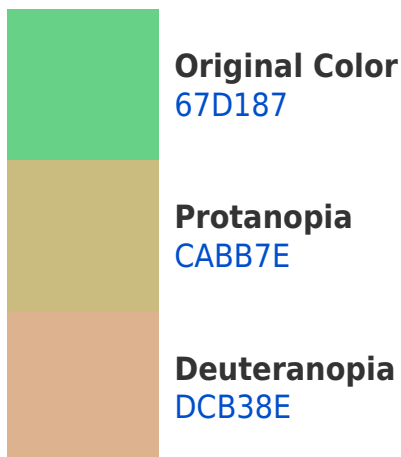


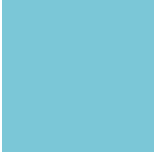
This preview shows how white text looks on a background with the Hex color 67D187.

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](#).

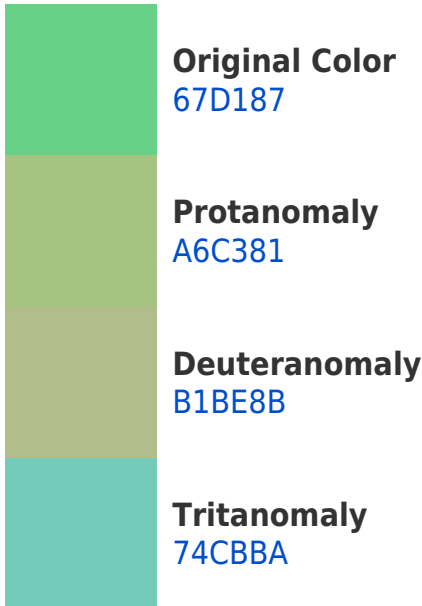
Dichromacy



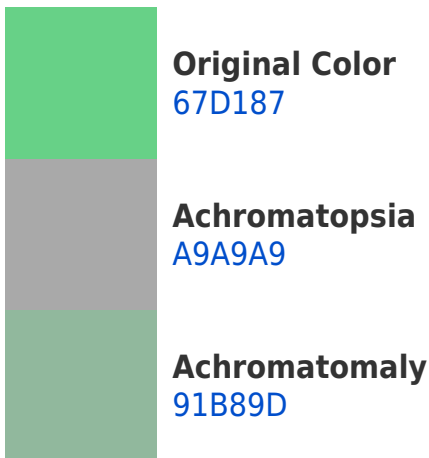


Tritanopia
7BC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67D187 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 #67D187 looks like.

```
.text, #text, p{  
    color:#67D187  
}
```

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 #67D187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D187
}
```

Border

The CSS property to change the border of an element to Hex 67D187 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
#67D187 }
```

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

```
.border{ border-color:#67D187 }
```

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

Here you see how a box with a 4 pixel #67D187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D187; -webkit-box-shadow:4px 4px  
4px 4px #67D187; box-shadow:4px 4px 4px  
4px #67D187 }
```

Background

The CSS property to change the background color of an element to Hex 67D187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D187 }
```

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

```
.background{ background-color:#67D187 }
```

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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