

Converting Colors

Hex(67D683)

Have a look what the booklet for
Hex(67D683) contains.

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Color

Hex(67D683)

Conversions

Conversions Part 1

Format	Color
Hex	67D683
RGB	103, 214, 131
RGB Percent	40%, 84%, 51%
CMY	0.5961, 0.1608, 0.4863
CMYK	0.52, 0.00, 0.39, 0.16
HSL	135°, 58%, 62%
HSV	135°, 52%, 84%
XYZ	33.7368, 52.6154, 29.8504
YIQ	171.3490, -39.5130, -49.3450

Conversions

Conversions Part 2

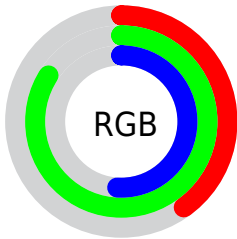
Format	Color
RYB	103, 192, 214
Decimal	6805123
CIELab	77.65, -49.63, 31.54
CIELCh	78, 58.806, 147.570
Yxy	52.6154, 0.2903, 0.4528
Android (android.graphics.Color)	4284995203 (0xFF67D683)
YUV	171.3490, -19.8921, -59.9421
Hunter-Lab	72.5365, -43.9182, 26.3763

Details

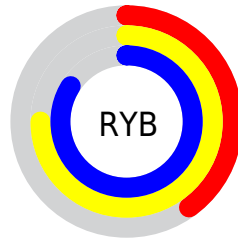
The Hex color **67D683** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D667BA**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A1FFB9**, and **289E50** is the 20% darker color. If you saturate the color by 10%, you get **52D673**, and if you desaturate by 10%, it is **7CD693**.

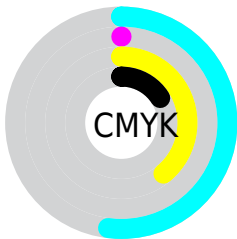
Distribution



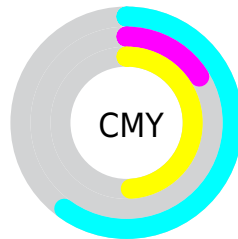
- Red (40%)
- Green (84%)
- Blue (51%)



- Red (40%)
- Yellow (75%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67D683 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 67D683 by changing the saturation by 10% instead.

 67D683

 67D683

FFFFFF

 49BA69

 A1FFB9

 289E50

 BEFFD5

 008438

 DBFFF1

 006A21

 F9FFFF

 005008

 003800

 002200

 000000

 67D683

 67D683

 52D673


 7CD693

 3CD663

 92D6A3

 27D653

 A7D6B3

 11D643

 BDD6C3

 00D636

 D2D6D3

 E7D6E3

 FDD6F3

 FFD6FF

Harmonies

Analogous

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



ADCC5A



67D683



00DBB9

Triad

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



67D683



44C7FF



FF9690

Complementary

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



67D683



D667BA

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.



FF91C7



67D683



BCB3FF

Square

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



67D683



00D4FF



FF9EFB



FFA764

Rectangle

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



67D683



00DBDF



FF9EFB



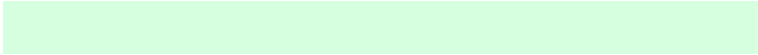
FF92A2

Sweetspot

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



67D683



D6FFE0



BAD667



67806D



000000



808080

Same Dimension

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



67D683



61FF89



67D6BA



606B63



00AB2B



002B0B

Inverse Universe

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



D667BA



FF61D7



D66783



6B6068



AB0080



2B0020

Previews

White Background



This preview shows how the Hex color 67D683 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 67D683 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 67D683 Background



This preview shows how black text looks on a background with the Hex color 67D683.

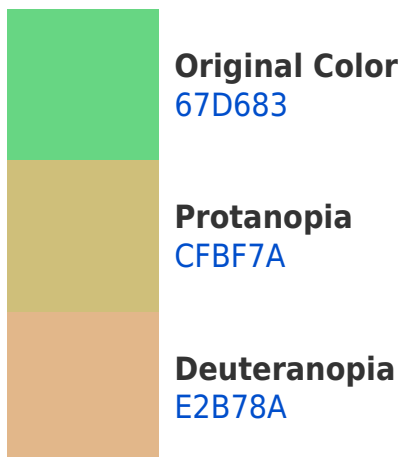


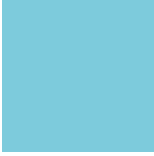
This preview shows how white text looks on a background with the Hex color 67D683.

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





Trichromacy



Original Color
67D683



Protanomaly
A9C77D



Deuteranomaly
B5C287



Tritanomaly
75CFBC

Monochromacy



Original Color
67D683



Achromatopsia
ABABAB



Achromatomaly
92BB9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 67D683 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 #67D683 looks like.

```
.text, #text, p{  
    color:#67D683  
}
```

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 #67D683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D683
}
```

Border

The CSS property to change the border of an element to Hex 67D683 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
#67D683 }
```

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

```
.border{ border-color:#67D683 }
```

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

Here you see how a box with a 4 pixel #67D683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D683; -webkit-box-shadow:4px 4px  
4px 4px #67D683; box-shadow:4px 4px 4px  
4px #67D683 }
```

Background

The CSS property to change the background color of an element to Hex 67D683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D683 }
```

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

```
.background{ background-color:#67D683 }
```

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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