

Converting Colors

Hex(67DD95)

Have a look what the booklet for
Hex(67DD95) contains.

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Color

Hex(67DD95)

Conversions

Conversions Part 1

Format	Color
Hex	67DD95
RGB	103, 221, 149
RGB Percent	40%, 87%, 58%
CMY	0.5961, 0.1333, 0.4157
CMYK	0.53, 0.00, 0.33, 0.13
HSL	143°, 63%, 64%
HSV	143°, 53%, 87%
XYZ	36.8748, 56.7664, 37.4473
YIQ	177.5100, -47.2160, -47.4080

Conversions

Conversions Part 2

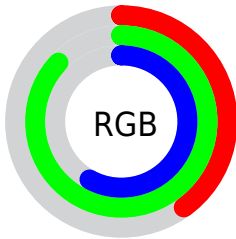
Format	Color
RYB	103, 188, 221
Decimal	6806933
CIELab	80.05, -49.33, 25.47
CIElCh	80, 55.519, 152.687
Yxy	56.7664, 0.2813, 0.4330
Android (android.graphics.Color)	4284997013 (0xFF67DD95)
YUV	177.5100, -14.0554, -65.3453
Hunter-Lab	75.3435, -44.4892, 23.2721

Details

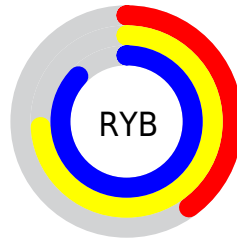
The Hex color **67DD95** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **DD67AF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A1FFCB**, and **25A562** is the 20% darker color. If you saturate the color by 10%, you get **51DD88**, and if you desaturate by 10%, it is **7DDDA2**.

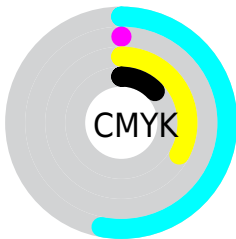
Distribution



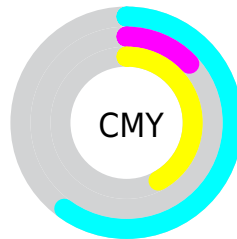
- Red (40%)
- Green (87%)
- Blue (58%)



- Red (40%)
- Yellow (74%)
- Blue (87%)



- Cyan (53%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)



- Cyan (60%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67DD95 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 67DD95 by changing the saturation by 10% instead.

 67DD95

 67DD95

FFFFFF

 49C17B

 A1FFCB

 25A562

 BFFFE8

 008A49

 DCFFFF

 007032

 FAFFFF

 00561B

 003E04

 002800

 000000

 67DD95

 67DD95

 51DD88

 7DDDA2

 3BDD7A

 93DDB0

 25DD6D

 A9DDBD

 0FD55F

 BFDDCB

 00DD56

 D6DDD8

 ECDDE6

 FFDDF3

 FFDDFF

Harmonies

Analogous

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



ABD46C



67DD95



00E1CA

Triad

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



67DD95



74CAFF



FFA191

Complementary

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



67DD95



DD67AF

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.



FF9BC4



67DD95



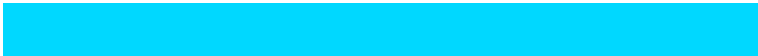
D1B7FF

Square

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



67DD95



00D8FF



FFA4F7



FFB36B

Rectangle

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



67DD95



00E1ED



FFA4F7



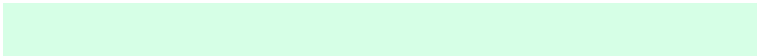
FF9EA1

Sweetspot

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



67DD95



D6FFE6



B0DD67



678071



000000



808080

Same Dimension

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



67DD95



5CFF9B



67DDCF



636E67



00AD44



002E12

Inverse Universe

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



DD67AF



FF5CBF



DD6775



6E6369



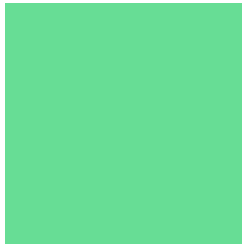
AD006A



2E001C

Previews

White Background



This preview shows how the Hex color 67DD95 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 67DD95 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

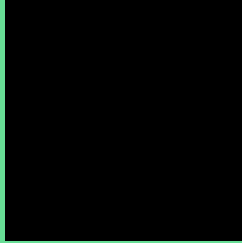
Any Text WCAG AA ✓ Pass

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 67DD95 Background



This preview shows how black text looks on a background with the Hex color 67DD95.

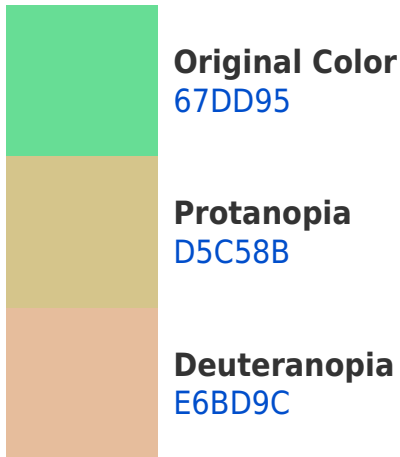


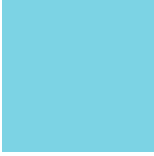
This preview shows how white text looks on a background with the Hex color 67DD95.

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
7CD3E4

Trichromacy



Original Color
67DD95



Protanomaly
ADCE8F



Deuteranomaly
B8C999



Tritanomaly
74D7C7

Monochromacy



Original Color
67DD95



Achromatopsia
B2B2B2



Achromatomaly
97C2A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 67DD95 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 #67DD95 looks like.

```
.text, #text, p{  
    color:#67DD95  
}
```

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 #67DD95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DD95
}
```

Border

The CSS property to change the border of an element to Hex 67DD95 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
#67DD95 }
```

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

```
.border{ border-color:#67DD95 }
```

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

Here you see how a box with a 4 pixel #67DD95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DD95; -webkit-box-shadow:4px 4px  
4px 4px #67DD95; box-shadow:4px 4px 4px  
4px #67DD95 }
```

Background

The CSS property to change the background color of an element to Hex 67DD95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DD95 }
```

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

```
.background{ background-color:#67DD95 }
```

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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