

Converting Colors

Hex(78DD85)

Have a look what the booklet for
Hex(78DD85) contains.

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Color

Hex(78DD85)

Conversions

Conversions Part 1

Format	Color
Hex	78DD85
RGB	120, 221, 133
RGB Percent	47%, 87%, 52%
CMY	0.5294, 0.1333, 0.4784
CMYK	0.46, 0.00, 0.40, 0.13
HSL	128°, 60%, 67%
HSV	128°, 46%, 87%
XYZ	37.8358, 57.3994, 31.2753
YIQ	180.7690, -31.9480, -48.7800

Conversions

Conversions Part 2

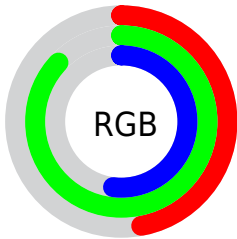
Format	Color
R_{YB}	120, 209, 221
Decimal	7921029
CIE _{Lab}	80.40, -47.72, 34.25
CIE _{LCh}	80, 58.742, 144.331
Yxy	57.3994, 0.2991, 0.4537
Android (android.graphics.Color)	4286111109 (0xFF78DD85)
YUV	180.7690, -23.5501, -53.2944
Hunter-Lab	75.7624, -43.4412, 28.5583

Details

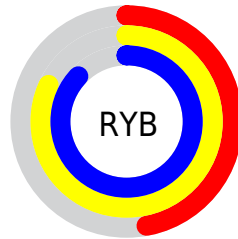
The Hex color **78DD85** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DD78D0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B1FFBB**, and **3EA552** is the 20% darker color. If you saturate the color by 10%, you get **62DD72**, and if you desaturate by 10%, it is **8EDD98**.

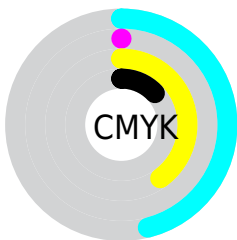
Distribution



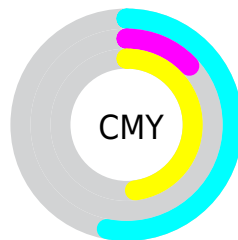
- Red (47%)
- Green (87%)
- Blue (52%)



- Red (47%)
- Yellow (82%)
- Blue (87%)



- Cyan (46%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)



- Cyan (53%)
- Magenta (13%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78DD85 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 78DD85 by changing the saturation by 10% instead.

 78DD85

 78DD85

FFFFFF

 5CC16B

 B1FFBB

 3EA552

 CEFFD7

 1B8A3A

 ECFFF4

 007022

 005707

 003E00

 002900

 000300

 000000

 78DD85

 78DD85

 62DD72

 8EDD98

 4CDD5E

 A4DDAC

 36DD4B

 BADD BF

 20DD38

 D0DDD2

 0ADD25

 E7DDE5

 00DD1C

 FDDDF9

 FFDDFF

Harmonies

Analogous

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



BBD25F



78DD85



00E3BB

Triad

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



78DD85



3AD0FF



FF9C9D

Complementary

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



78DD85



DD78D0

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.



FF9AD4



78DD85



BABDFF

Square

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



78DD85



00DDFF



FFA8FF



FFAD70

Rectangle

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



78DD85



00E3E1



FFA8FF



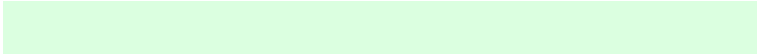
FF99AF

Sweetspot

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



78DD85



DBFFE0



D1DD78



6A806D



000000



808080

Same Dimension

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



78DD85



73FF85



78DDB6



636E64



00AD16



002E06

Inverse Universe

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



DD78D0



FF73ED



DD789F



6E636C



AD0097



2E0028

Previews

White Background



This preview shows how the Hex color 78DD85 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 78DD85 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 78DD85 Background



This preview shows how black text looks on a background with the Hex color 78DD85.

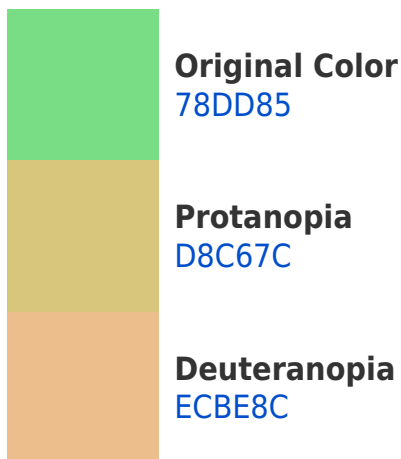


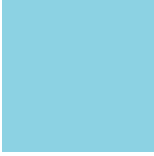
This preview shows how white text looks on a background with the Hex color 78DD85.

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
8CD2E3

Trichromacy



Original Color

78DD85



Protanomaly

B5CE7F



Deuteranomaly

C2C989



Tritanomaly

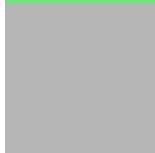
85D6C1

Monochromacy



Original Color

78DD85



Achromatopsia

B5B5B5



Achromatomaly

9FC4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 78DD85 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 #78DD85 looks like.

```
.text, #text, p{  
    color:#78DD85  
}
```

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 #78DD85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78DD85
}
```

Border

The CSS property to change the border of an element to Hex 78DD85 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
#78DD85 }
```

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

```
.border{ border-color:#78DD85 }
```

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

Here you see how a box with a 4 pixel #78DD85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78DD85; -webkit-box-shadow:4px 4px  
4px 4px #78DD85; box-shadow:4px 4px 4px  
4px #78DD85 }
```

Background

The CSS property to change the background color of an element to Hex 78DD85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78DD85 }
```

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

```
.background{ background-color:#78DD85 }
```

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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