

Converting Colors

Hex(72DD83)

Have a look what the booklet for
Hex(72DD83) contains.

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Color

Hex(72DD83)

Conversions

Conversions Part 1

Format	Color
Hex	72DD83
RGB	114, 221, 131
RGB Percent	45%, 87%, 51%
CMY	0.5529, 0.1333, 0.4863
CMYK	0.48, 0.00, 0.41, 0.13
HSL	130°, 61%, 66%
HSV	130°, 48%, 87%
XYZ	36.8926, 56.9290, 30.5167
YIQ	178.7470, -34.8820, -50.6740

Conversions

Conversions Part 2

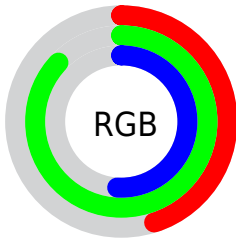
Format	Color
RYB	114, 206, 221
Decimal	7527811
CIELab	80.14, -49.67, 34.87
CIELCh	80, 60.687, 144.925
Yxy	56.9290, 0.2967, 0.4579
Android (android.graphics.Color)	4285717891 (0xFF72DD83)
YUV	178.7470, -23.5393, -56.7831
Hunter-Lab	75.4513, -44.7606, 28.8358

Details

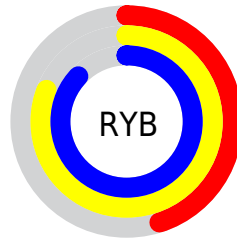
The Hex color **72DD83** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DD72CC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **ABFFB9**, and **36A550** is the 20% darker color. If you saturate the color by 10%, you get **5CDD70**, and if you desaturate by 10%, it is **88DD96**.

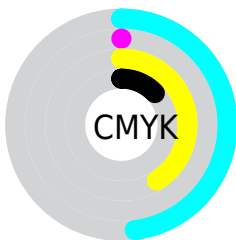
Distribution



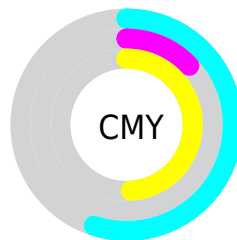
- Red (45%)
- Green (87%)
- Blue (51%)



- Red (45%)
- Yellow (81%)
- Blue (87%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (55%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72DD83 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 72DD83 by changing the saturation by 10% instead.

 72DD83

 72DD83

FFFFFF

 55C169

 ABFFB9

 36A550

 C9FFD5

 0A8A38

 E6FFF2

 00701F

 005605

 003E00

 002800

 000100

 000000

 72DD83

 72DD83

 5CDD70

 88DD96

 46DD5E

 9EDDA8

 30DD4B

 B4DDBB

 1ADD39

 CADDCD

 04DD26

 E1DDE0

 00DD23

 F7DDF3

 FFDDFF

Harmonies

Analogous

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



B8D25B



72DD83



00E3BB

Triad

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



72DD83



2CD0FF



FF9A9A

Complementary

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



72DD83



DD72CC

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.



FF97D3



72DD83



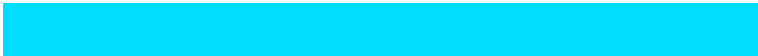
BABCFF

Square

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



72DD83



00DDFF



FFA5FF



FFAB6B

Rectangle

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



72DD83



00E3E2



FFA5FF



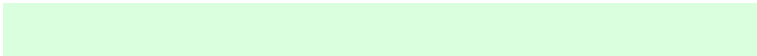
FF96AD

Sweetspot

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



72DD83



D9FFDF



CDDD72



69806C



000000



808080

Same Dimension

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



72DD83



6BFF83



72DDB8



636E64



00AD1C



002E07

Inverse Universe

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



DD72CC



FF6BE8



DD7297



6E636C



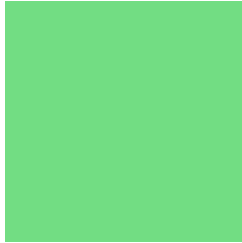
AD0092



2E0027

Previews

White Background



This preview shows how the Hex color 72DD83 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 72DD83 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

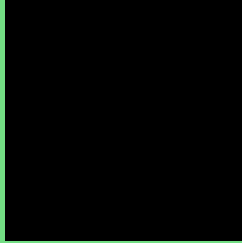
Any Text WCAG AA ✓ Pass

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 72DD83 Background



This preview shows how black text looks on a background with the Hex color 72DD83.

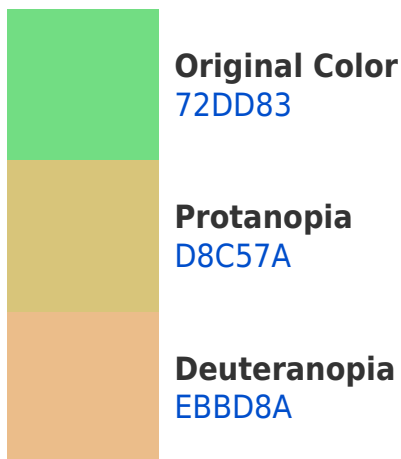


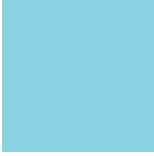
This preview shows how white text looks on a background with the Hex color 72DD83.

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



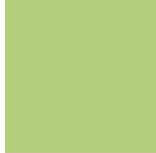


Tritanopia
88D2E3

Trichromacy



Original Color
72DD83



Protanomaly
B3CE7D



Deuteranomaly
BFC987

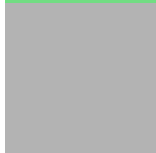


Tritanomaly
80D6C0

Monochromacy



Original Color
72DD83



Achromatopsia
B3B3B3



Achromatomaly
9BC2A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 72DD83 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 #72DD83 looks like.

```
.text, #text, p{  
    color:#72DD83  
}
```

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 #72DD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72DD83
}
```

Border

The CSS property to change the border of an element to Hex 72DD83 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
#72DD83 }
```

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

```
.border{ border-color:#72DD83 }
```

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

Here you see how a box with a 4 pixel #72DD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72DD83; -webkit-box-shadow:4px 4px  
4px 4px #72DD83; box-shadow:4px 4px 4px  
4px #72DD83 }
```

Background

The CSS property to change the background color of an element to Hex 72DD83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72DD83 }
```

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

```
.background{ background-color:#72DD83 }
```

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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