Converting Colors

Hex(86CDDD)

Have a look what the booklet for Hex(86CDDD) contains.

Hex(86CDDD) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

Hex(86CDDD)

Conversions

Conversions Part 1

Format	Color
Hex	86CDDD
RGB	134, 205, 221
RGB Percent	53%, 80%, 87%
CMY	0.4745, 0.1961, 0.1333
CMYK	0.39, 0.07, 0.00, 0.13
HSL	191°, 56%, 70%
HSV	191°, 39%, 87%
XYZ	44.7140, 53.9514, 76.4636
YIQ	185.5950, -47.4520, -10.0760

Conversions

Conversions Part 2

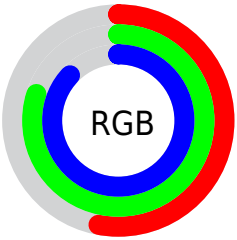
Format	Color
RYB	134, 173, 221
Decimal	8834525
CIELab	78.43, -18.17, -14.96
CIELCh	78, 23.533, 219.456
Yxy	53.9514, 0.2553, 0.3081
Android (android.graphics.Color)	4287024605 (0xFF86CDDD)
YUV	185.5950, 17.4547, -45.2488
Hunter-Lab	73.4516, -19.8778, -10.3051

Details

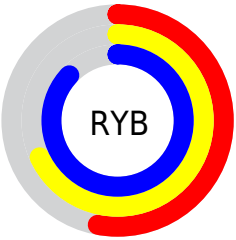
The Hex color 86CDDD is a light color, and the websafe version is hex 99CCCC. A complement of this color would be DD9686, and the grayscale version is B9B9B9.

A 20% lighter version of the original color is BEFFFF, and 4F97A6 is the 20% darker color. If you saturate the color by 10%, you get 70C9DD, and if you desaturate by 10%, it is 9CD1DD.

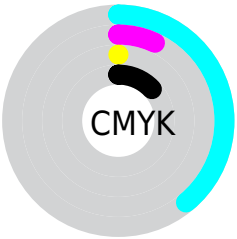
Distribution



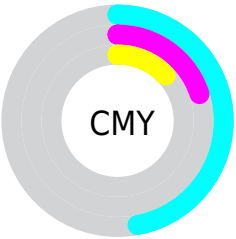
- Red (53%)
- Green (80%)
- Blue (87%)



- Red (53%)
- Yellow (68%)
- Blue (87%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86CDDD 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 86CDDD by changing the saturation by 10% instead.

86CDDD

FFFFFF

BEFFFF

DBFFFF

F9FFFF

86CDDD

6AB1C1

4F97A6

327D8C

0C6472

004C5A

003542

00202C

000118

000000

86CDDD

70C9DD

5AC5DD

44C1DD

2EBDDD

17B9DD

01B5DD

00B4DD

86CDDD

9CD1DD

B2D5DD

C8D9DD

DEDDDD

F5E1DD

FFE5DD

FFE9DD

FFEEDD

FFF2DD

Harmonies

Analogous

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

89CFC8

86CDDD

96C8EA

Triad

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

86CDDD

E4B4D2

CCC397

Complementary

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

86CDDD

DD9686

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.

E0BC9A

86CDDD

EFB2BC

Square

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

86CDDD

CEBAE4

EDB5A7

B3C9A0

Rectangle

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

86CDDD

A8C4ED

EDB5A7

D3C097

Sweetspot

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

86CDDD

E0F9FF

86DD96

6E7C80

000000

808080

Same Dimension

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

86CDDD

87E9FF

86A2DD

636C6E

008EAD

00252E

Inverse Universe

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

DD86CD

FF87E9

DDC186

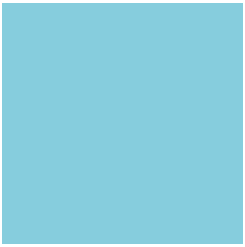
6E636C

AD008E

2E0025

Previews

White Background



This preview shows how the Hex color 86CDDD 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 86CDDD 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 86CDDD Background

This preview shows how black text looks on a background with the Hex color 86CDDD.

This preview shows how white text looks on a background with the Hex color 86CDDD.

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

Original Color
86CDDD

Protanopia
BFC0D5

Deuteranopia
C5BCE1

Tritanopia
86CDDD

Trichromacy

Original Color
86CDDD

Protanomaly
AAC5D8

Deuteranomaly
AEC2E0

Tritanomaly
86CDDD

Monochromacy

Original Color
86CDDD

Achromatopsia
BABABA

Achromatomaly
A7C1C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 86CDDD 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 #86CDDD looks like.

```
.text, #text, p{
    color:#86CDDD
}
```

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 #86CDDD colored shadow looks like.

Here you see how black text with a 4 pixel #86CDDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CDDD }
```

Border

The CSS property to change the border of an element to Hex 86CDDD 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 #86CDDD }
```

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

```
.border{ border-color:#86CDDD }
```

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

Here you see how a box with a 4 pixel #86CDDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #86CDDD; -webkit-box-shadow:4px 4px 4px 4px #86CDDD; box-shadow:4px 4px 4px 4px #86CDDD }
```

Background

The CSS property to change the background color of an element to Hex 86CDDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#86CDDD }
```

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

```
.background{ background-color:#86CDDD }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor