

Converting Colors

Hex(86D599)

Have a look what the booklet for
Hex(86D599) contains.

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Color

Hex(86D599)

Conversions

Conversions Part 1

Format	Color
Hex	86D599
RGB	134, 213, 153
RGB Percent	53%, 84%, 60%
CMY	0.4745, 0.1647, 0.4000
CMYK	0.37, 0.00, 0.28, 0.16
HSL	134°, 48%, 68%
HSV	134°, 37%, 84%
XYZ	39.3755, 54.9567, 38.6694
YIQ	182.5390, -27.8240, -35.4080

Conversions

Conversions Part 2

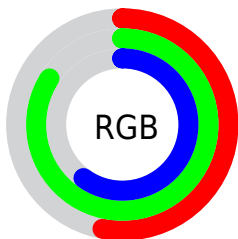
Format	Color
RYB	134, 198, 213
Decimal	8836505
CIELab	79.02, -36.82, 22.19
CIELCh	79, 42.988, 148.926
Yxy	54.9567, 0.2961, 0.4132
Android (android.graphics.Color)	4287026585 (0xFF86D599)
YUV	182.5390, -14.5627, -42.5687
Hunter-Lab	74.1328, -34.9224, 20.9659

Details

The Hex color **86D599** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D586C2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BEFFD0**, and **509E66** is the 20% darker color. If you saturate the color by 10%, you get **71D589**, and if you desaturate by 10%, it is **9BD5A9**.

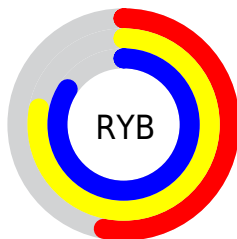
Distribution



Red (53%)

Green (84%)

Blue (60%)



Red (53%)

Yellow (78%)

Blue (84%)

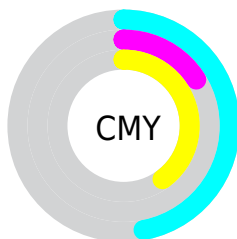


Cyan (37%)

Magenta (0%)

Yellow (28%)

Black (16%)



Cyan (47%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D599 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 86D599 by changing the saturation by 10% instead.

 86D599

 86D599

FFFFFF

 6BB97F

 BEFFD0

 509E66

 DAF FEC

 35834D

 F7FFFF

 166A36

 005120


 003909

 002500

 000000

 86D599

 86D599

 71D589

 9BD5A9

 5BD579

 B1D5B9

 46D568

 C6D5CA

 31D558

 DBD5DA

 1BD548

 F1D5EA

 06D538

 FFD5FA

 00D533

 FFD5FF

Harmonies

Analogous

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



B6CD7C



86D599



4DD9C1

Triad

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



86D599



86C8FF



FFA79F

Complementary

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



86D599



D586C2

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.



FFA4C7



86D599



C6BAFF

Square

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



86D599



38D3FF



F5ACEE



FFB380

Rectangle

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



86D599



1BD9DC



F5ACEE



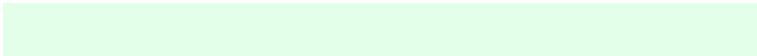
FFA5AC

Sweetspot

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



86D599



E3FFEA



C3D586



6F8073



000000



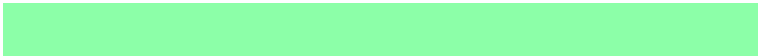
808080

Same Dimension

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



86D599



8CFFA8



86D5C0



606B63



00AB29



002B0A

Inverse Universe

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



D586C2



FF8CE3



D5869B



6B6069



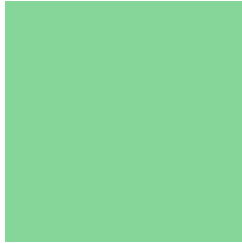
AB0082



2B0021

Previews

White Background



This preview shows how the Hex color 86D599 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 86D599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

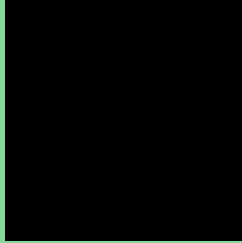
Any Text WCAG AA ✓ Pass

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 86D599 Background



This preview shows how black text looks on a background with the Hex color 86D599.



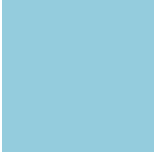
This preview shows how white text looks on a background with the Hex color 86D599.

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
94CCDD

Trichromacy



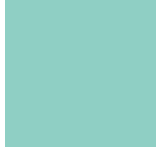
Original Color
86D599



Protanomaly
B6C994



Deuteranomaly
C1C49D



Tritanomaly
8FCFC4

Monochromacy



Original Color
86D599



Achromatopsia
B7B7B7



Achromatomaly
A5C2AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 86D599 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 #86D599 looks like.

```
.text, #text, p{  
    color:#86D599  
}
```

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 #86D599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D599
}
```

Border

The CSS property to change the border of an element to Hex 86D599 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
#86D599 }
```

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

```
.border{ border-color:#86D599 }
```

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

Here you see how a box with a 4 pixel #86D599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D599; -webkit-box-shadow:4px 4px  
4px 4px #86D599; box-shadow:4px 4px 4px  
4px #86D599 }
```

Background

The CSS property to change the background color of an element to Hex 86D599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D599 }
```

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

```
.background{ background-color:#86D599 }
```

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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