

Converting Colors

Hex(86D173)

Have a look what the booklet for
Hex(86D173) contains.

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Color

Hex(86D173)

Conversions

Conversions Part 1

Format	Color
Hex	86D173
RGB	134, 209, 115
RGB Percent	53%, 82%, 45%
CMY	0.4745, 0.1804, 0.5490
CMYK	0.36, 0.00, 0.45, 0.18
HSL	108°, 51%, 64%
HSV	108°, 45%, 82%
XYZ	35.7265, 51.9071, 24.3557
YIQ	175.8590, -14.5260, -45.1340

Conversions

Conversions Part 2

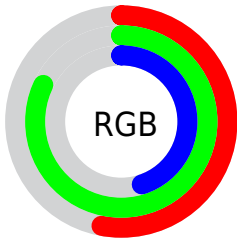
Format	Color
RYB	115, 209, 190
Decimal	8835443
CIELab	77.23, -40.99, 39.33
CIELCh	77, 56.803, 136.185
Yxy	51.9071, 0.3190, 0.4635
Android (android.graphics.Color)	4287025523 (0xFF86D173)
YUV	175.8590, -30.0035, -36.7103
Hunter-Lab	72.0466, -37.5668, 30.3893

Details

The Hex color **86D173** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BE73D1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BEFFA8**, and **4F9A40** is the 20% darker color. If you saturate the color by 10%, you get **75D15E**, and if you desaturate by 10%, it is **97D188**.

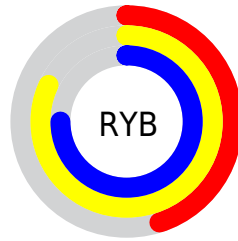
Distribution



Red (53%)

Green (82%)

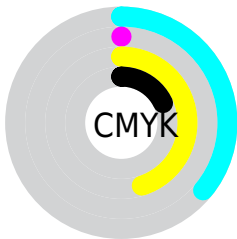
Blue (45%)



Red (45%)

Yellow (82%)

Blue (75%)

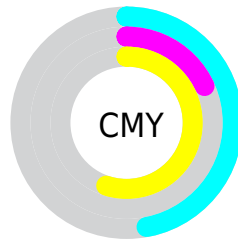


Cyan (36%)

Magenta (0%)

Yellow (45%)

Black (18%)



Cyan (47%)

Magenta (18%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D173 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 86D173 by changing the saturation by 10% instead.

 86D173

 86D173

FFFFFF

 6BB559

 BEFFA8

 4F9A40

 DBFFC4

 348028

 F8FFE0

 13660D

FFFFFFD

 004D00

 003500

 002100

 000000

 86D173

 86D173

 75D15E

 97D188

 65D149

 A7D19D

 54D134

 B8D1B2

 43D11F

 C9D1C7

 33D10A

 D9D1DC

 2AD100

 EAD1F0

 FBD1FF

 FFD1FF

Harmonies

Analogous

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



C2C555



86D173



1DD8A4

Triad

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



86D173



00CBFF



FF93A4

Complementary

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



86D173



BE73D1

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.



FF95D9



86D173



99BAFF

Square

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



86D173



00D6FF



E7A6FF



FFA075

Rectangle

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



86D173



00D9C8



E7A6FF



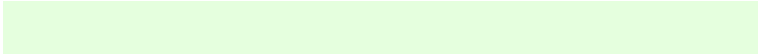
FF92B6

Sweetspot

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



86D173



E5FFDE



D1BD73



6F806B



000000



808080

Same Dimension

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



86D173



91FF75



73D18E



60695E



22A800



082900

Inverse Universe

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



BE73D1



E375FF



D173B6



665E69



8600A8



210029

Previews

White Background



This preview shows how the Hex color 86D173 looks on a white background.

Color Contrast Check

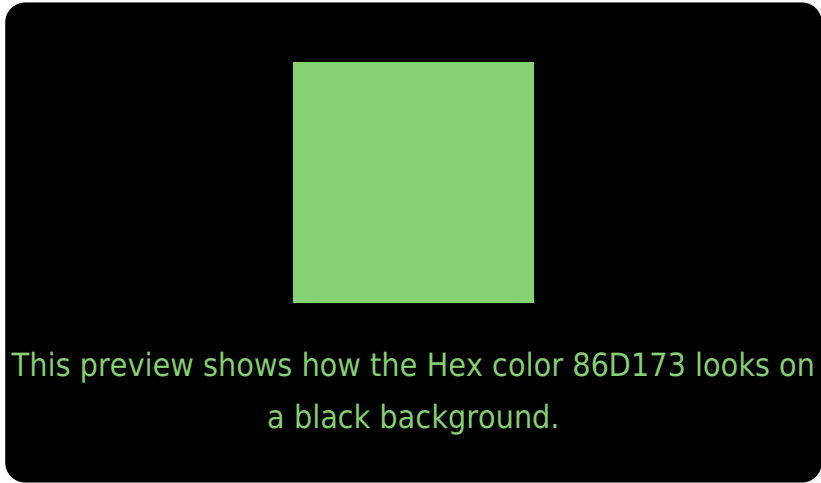
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

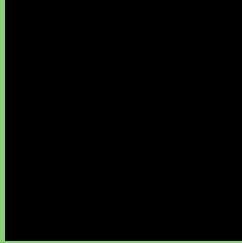
Any Text WCAG AA ✓ Pass

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 86D173 Background



This preview shows how black text looks on a background with the Hex color 86D173.

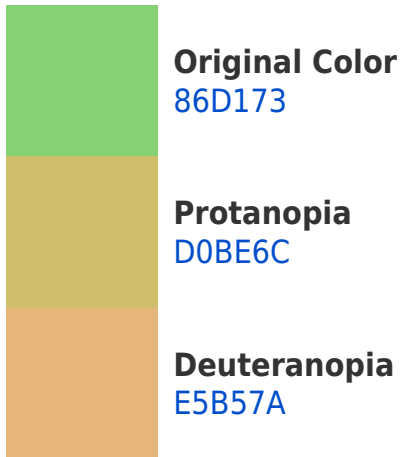


This preview shows how white text looks on a background with the Hex color 86D173.

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



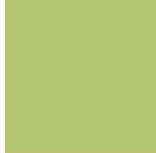


Tritanopia
97C6D6

Trichromacy



Original Color
86D173



Protanomaly
B5C56F



Deuteranomaly
C2BF77

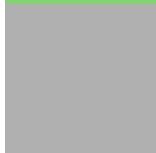


Tritanomaly
91CAB2

Monochromacy



Original Color
86D173



Achromatopsia
B0B0B0



Achromatomaly
A1BC9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 86D173 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 #86D173 looks like.

```
.text, #text, p{  
    color:#86D173  
}
```

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 #86D173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D173
}
```

Border

The CSS property to change the border of an element to Hex 86D173 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
#86D173 }
```

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

```
.border{ border-color:#86D173 }
```

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

Here you see how a box with a 4 pixel #86D173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D173; -webkit-box-shadow:4px 4px  
4px 4px #86D173; box-shadow:4px 4px 4px  
4px #86D173 }
```

Background

The CSS property to change the background color of an element to Hex 86D173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D173 }
```

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

```
.background{ background-color:#86D173 }
```

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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