

# Converting Colors

Hex(86E273)

Have a look what the booklet for  
Hex(86E273) contains.

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**Color**

**Hex(86E273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86E273
RGB	134, 226, 115
RGB Percent	53%, 89%, 45%
CMY	0.4745, 0.1137, 0.5490
CMYK	0.41, 0.00, 0.49, 0.11
HSL	110°, 66%, 67%
HSV	110°, 49%, 89%
XYZ	40.1224, 60.6988, 25.8210
YIQ	185.8380, -19.2010, -54.0250

# Conversions

## Conversions Part 2

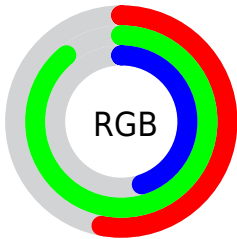
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 226, 207</a>
Decimal	<a href="#">8839795</a>
CIELab	<a href="#">82.22, -48.27, 45.54</a>
CIELCh	<a href="#">82, 66.366, 136.665</a>
Yxy	<a href="#">60.6988, 0.3168, 0.4793</a>
Android (android.graphics.Color)	<a href="#">4287029875 (0xFF86E273)</a>
YUV	<a href="#">185.8380, -34.9231, -45.4619</a>
Hunter-Lab	<a href="#">77.9095, -44.4163, 34.8865</a>

# Details

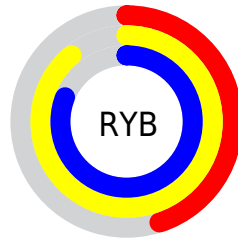
The Hex color **86E273** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CF73E2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BFFFA9**, and **4DAA3F** is the 20% darker color. If you saturate the color by 10%, you get **73E25C**, and if you desaturate by 10%, it is **99E28A**.

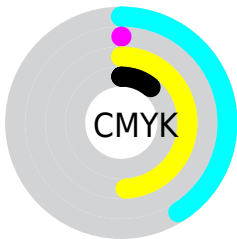
# Distribution



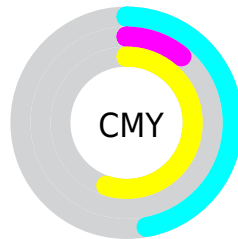
- Red (53%)
- Green (89%)
- Blue (45%)



- Red (45%)
- Yellow (89%)
- Blue (81%)



- Cyan (41%)
- Magenta (0%)
- Yellow (49%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86E273 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 86E273 by changing the saturation by 10% instead.



 86E273

FFFFFF

 BFFFA9

 DCFFC5

 FAFFE1

FFFFFFE

 86E273

 6AC659

 4DAA3F


 2E8F25

 007505

 005B00

 004300

 002D00

 000F00

 000000

 86E273

 86E273

 73E25C

 99E28A

 61E246

 ABE2A0

 4EE22F

 BEE2B7

 3BE219

 D1E2CD

 28E202

 E4E2E4

 27E200

 F6E2FB

 FFE2FF

# Harmonies

## Analogous

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



CED44D



86E273



00EAAE

# Triad

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



86E273



00DBFF



FF97AC

# Complementary

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



86E273



CF73E2

# 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.



FF99EB



86E273



9EC7FF

# Square

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



86E273



00E7FF



FDAEFF



FFA874

# Rectangle

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



86E273



00EBD9



FDAEFF



FF95C1

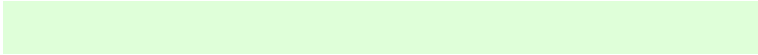


# Sweetspot

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



86E273



DFFFD9



E2CE73



6C8069



000000



808080



# Same Dimension

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



86E273



82FF69



73E296



677065



1EB000



083000



# Inverse Universe

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



CF73E2



E569FF



E273BF



6E6570



9200B0



280030



# Previews

## White Background



This preview shows how the Hex color 86E273 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 86E273 Background



This preview shows how black text looks on a background with the Hex color 86E273.

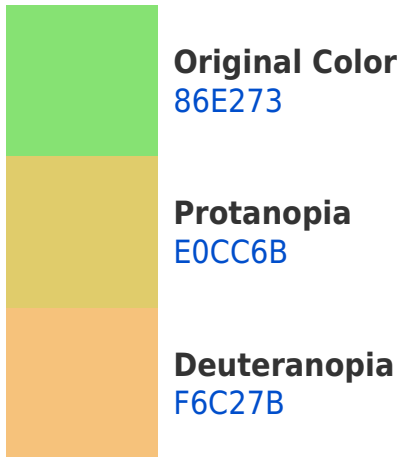


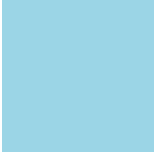
This preview shows how white text looks on a background with the Hex color 86E273.

# 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



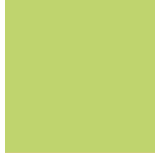


**Tritanopia**  
9BD5E6

# Trichromacy



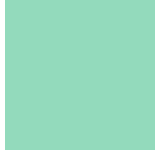
**Original Color**  
86E273



**Protanomaly**  
BFD46E



**Deuteranomaly**  
CDCE78

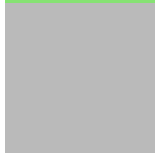


**Tritanomaly**  
93DABC

# Monochromacy



**Original Color**  
86E273



**Achromatopsia**  
BABABA



**Achromatomaly**  
A7C9A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86E273 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 #86E273 looks like.

```
.text, #text, p{  
    color:#86E273  
}
```

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 #86E273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E273
}
```

## Border

The CSS property to change the border of an element to Hex 86E273 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
#86E273 }
```

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

```
.border{ border-color:#86E273 }
```

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

Here you see how a box with a 4 pixel #86E273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E273; -webkit-box-shadow:4px 4px  
4px 4px #86E273; box-shadow:4px 4px 4px  
4px #86E273 }
```

# Background

The CSS property to change the background color of an element to Hex 86E273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E273 }
```

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

```
.background{ background-color:#86E273 }
```

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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