

Converting Colors

Hex(86B491)

Have a look what the booklet for
Hex(86B491) contains.

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Color

Hex(86B491)

Conversions

Conversions Part 1

Format	Color
Hex	86B491
RGB	134, 180, 145
RGB Percent	53%, 71%, 57%
CMY	0.4745, 0.2941, 0.4314
CMYK	0.26, 0.00, 0.19, 0.29
HSL	134°, 23%, 62%
HSV	134°, 26%, 71%
XYZ	31.2636, 39.7552, 32.8138
YIQ	162.2560, -16.1810, -20.6370

Conversions

Conversions Part 2

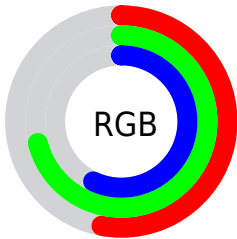
Format	Color
RYB	134, 171, 180
Decimal	8828049
CIELab	69.29, -22.50, 12.97
CIELCh	69, 25.974, 150.042
Yxy	39.7552, 0.3011, 0.3829
Android (android.graphics.Color)	4287018129 (0xFF86B491)
YUV	162.2560, -8.5072, -24.7805
Hunter-Lab	63.0517, -21.8329, 13.2801

Details

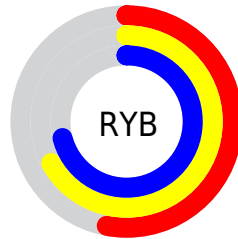
The Hex color **86B491** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B486A9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BCECC7**, and **537F5E** is the 20% darker color. If you saturate the color by 10%, you get **74B483**, and if you desaturate by 10%, it is **98B49F**.

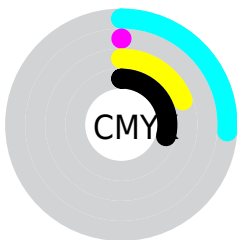
Distribution



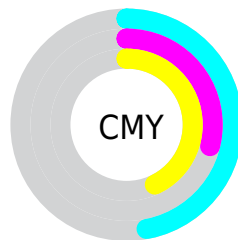
- Red (53%)
- Green (71%)
- Blue (57%)



- Red (53%)
- Yellow (67%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (47%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B491 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 86B491 by changing the saturation by 10% instead.

 86B491

 86B491

FFFFFF

 6C9977

 BCECC7

 537F5E

 D8FFE3

 3B6647

 F5FFFF

 234E30

 0A361B

 002101

 000000

 86B491

 86B491

 74B483

 98B49F

 62B476

 AAB4AC

 50B468

 BCB4BA

 3EB45A

 CEB4C8

 2CB44D

 E0B4D5

 1AB43F

 F2B4E3

 08B431

 FFB4F1

 00B42B

 FFB4FF

Harmonies

Analogous

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



A1AF80



86B491



6EB6A8

Triad

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



86B491



8CABD8



D89A93

Complementary

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



86B491



B486A9

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.



D698AA



86B491



ADA3D2

Square

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



86B491



6FB2D1



C79CC1



CEA081

Rectangle

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



86B491



64B6B8



C79CC1



D9999A

Sweetspot

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



86B491



D8EBDC



A9B486



6A756C



F5F5F5



757575

Same Dimension

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



86B491



A2EBB3



86B4A8



505952



009925



001A06

Inverse Universe

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



B486A9



EBA2D9



B48692



595057



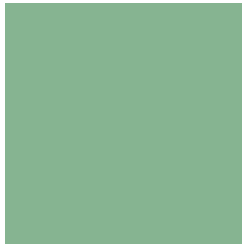
990074



1A0013

Previews

White Background



This preview shows how the Hex color 86B491 looks on a white background.

Color Contrast Check

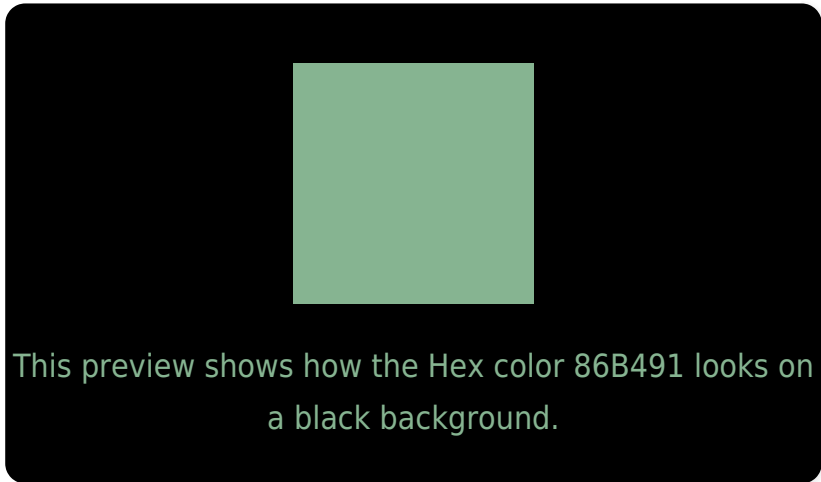
Large Text (above 18pt) WCAG AA × Fail

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

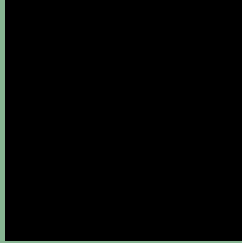
Any Text WCAG AA ✓ Pass

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 86B491 Background



This preview shows how black text looks on a background with the Hex color 86B491.



This preview shows how white text looks on a background with the Hex color 86B491.

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](#).

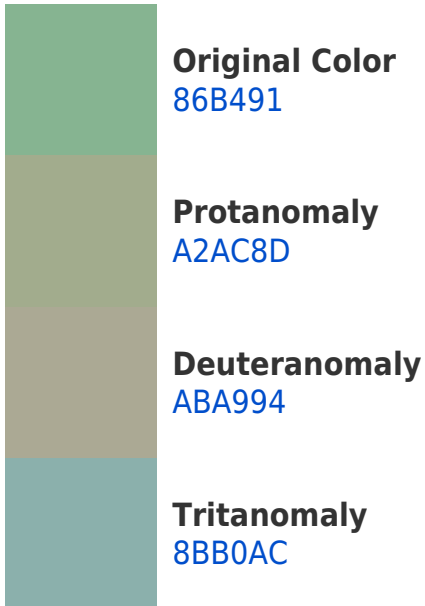
Dichromacy





Tritanopia
8EAEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B491 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 #86B491 looks like.

```
.text, #text, p{  
    color:#86B491  
}
```

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 #86B491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B491
}
```

Border

The CSS property to change the border of an element to Hex 86B491 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
#86B491 }
```

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

```
.border{ border-color:#86B491 }
```

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

Here you see how a box with a 4 pixel #86B491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B491; -webkit-box-shadow:4px 4px  
4px 4px #86B491; box-shadow:4px 4px 4px  
4px #86B491 }
```

Background

The CSS property to change the background color of an element to Hex 86B491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B491 }
```

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

```
.background{ background-color:#86B491 }
```

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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