

Converting Colors

Hex(72B186)

Have a look what the booklet for
Hex(72B186) contains.

Hex(72B186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72B186)

Conversions

Conversions Part 1

Format	Color
Hex	72B186
RGB	114, 177, 134
RGB Percent	45%, 69%, 53%
CMY	0.5529, 0.3059, 0.4745
CMYK	0.36, 0.00, 0.24, 0.31
HSL	139°, 29%, 57%
HSV	139°, 36%, 69%
XYZ	26.9646, 36.7429, 28.2252
YIQ	153.2610, -23.7450, -26.7290

Conversions

Conversions Part 2

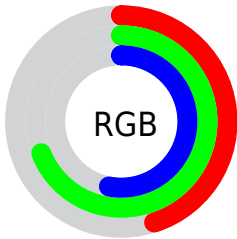
Format	Color
RYB	114, 162, 177
Decimal	7516550
CIELab	67.08, -29.58, 15.72
CIELCh	67, 33.499, 152.004
Yxy	36.7429, 0.2933, 0.3997
Android (android.graphics.Color)	4285706630 (0xFF72B186)
YUV	153.2610, -9.4957, -34.4319
Hunter-Lab	60.6159, -26.6732, 14.8234

Details

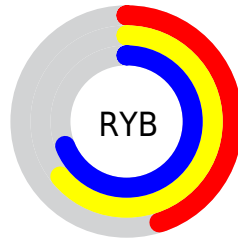
The Hex color **72B186** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B1729D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A8E9BB**, and **3E7C54** is the 20% darker color. If you saturate the color by 10%, you get **60B17A**, and if you desaturate by 10%, it is **84B192**.

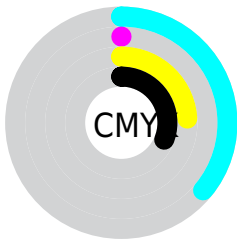
Distribution



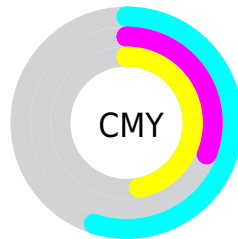
- Red (45%)
- Green (69%)
- Blue (53%)



- Red (45%)
- Yellow (64%)
- Blue (69%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (31%)



- Cyan (55%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B186 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 72B186 by changing the saturation by 10% instead.

 72B186

 72B186

FFFFFF

 58966D

 A8E9BB

 3E7C54

 C4FFD7

 24633D

 E0FFF4

 054A27

FDFFFF

 003312

 002000

 000000

 72B186

 72B186

 60B17A

 84B192

 4FB16E

 95B19E

 3DB162

 A7B1AA

 2BB156

 B9B1B6

 1AB14A

 CBB1C2

 08B13E

 DCB1CE

 00B138

 EEB1DB

 FFB1E7

 FFB1F3

Harmonies

Analogous

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



96AB6F



72B186



4DB4A4

Triad

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



72B186



7DA5DF



DD8F85

Complementary

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



72B186



B1729D

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.



DD8CA2



72B186



AA9BD6

Square

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



72B186



4DAED8



CB91C0



CF986F

Rectangle

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



72B186



39B3B9



CB91C0



DF8D8E

Sweetspot

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



72B186



CCE6D4



9DB172



647369



F2F2F2



737373

Same Dimension

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



72B186



83E6A2



72B1A5



505953



009931



001A08

Inverse Universe

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



B1729D



E683C6



B1727E



595056



990068



1A0011

Previews

White Background



This preview shows how the Hex color 72B186 looks on a white background.

Color Contrast Check

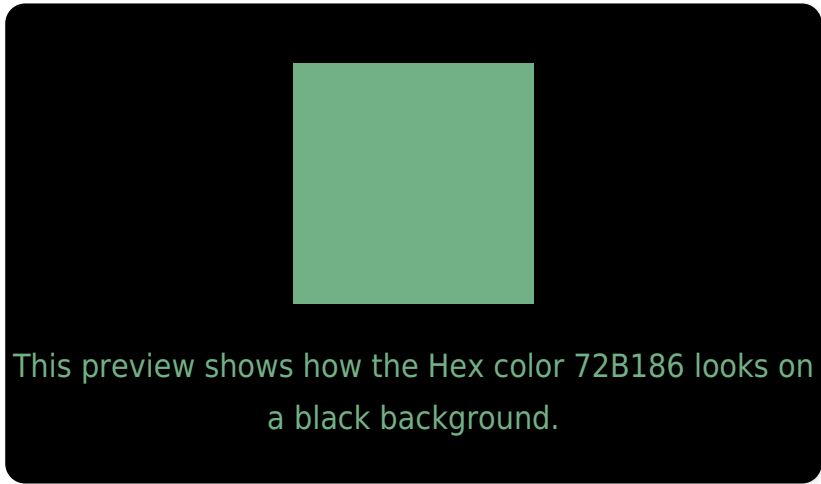
Large Text (above 18pt) WCAG AA × Fail

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

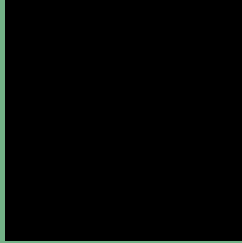
Any Text WCAG AA ✓ Pass

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 72B186 Background



This preview shows how black text looks on a background with the Hex color 72B186.

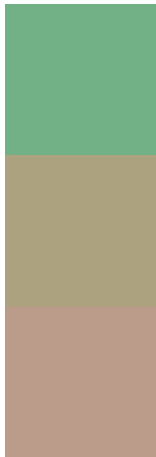


This preview shows how white text looks on a background with the Hex color 72B186.

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

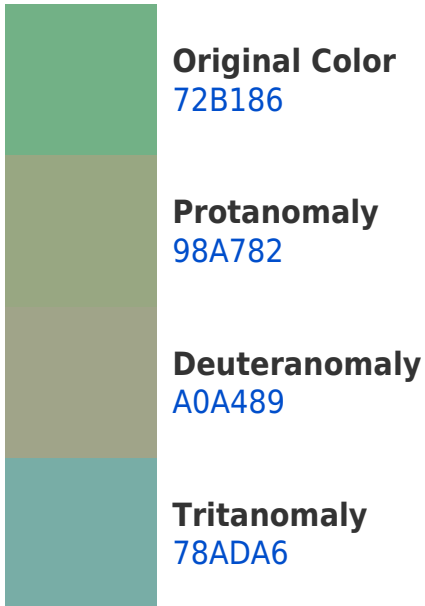


Original Color
72B186

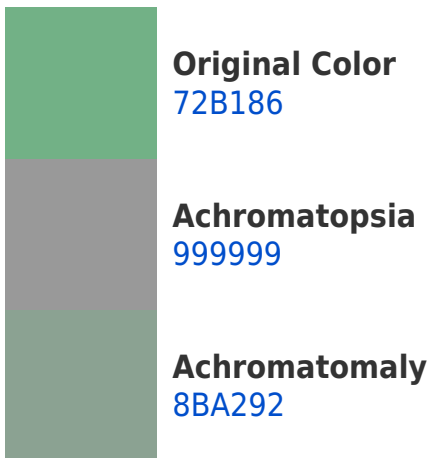
Protanopia
ADA27F

Deuteranopia
BB9C8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72B186 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 #72B186 looks like.

```
.text, #text, p{  
    color:#72B186  
}
```

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 #72B186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B186
}
```

Border

The CSS property to change the border of an element to Hex 72B186 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
#72B186 }
```

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

```
.border{ border-color:#72B186 }
```

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

Here you see how a box with a 4 pixel #72B186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B186; -webkit-box-shadow:4px 4px  
4px 4px #72B186; box-shadow:4px 4px 4px  
4px #72B186 }
```

Background

The CSS property to change the background color of an element to Hex 72B186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B186 }
```

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

```
.background{ background-color:#72B186 }
```

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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