

Converting Colors

Hex(7BB274)

Have a look what the booklet for
Hex(7BB274) contains.

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Color

Hex(7BB274)

Conversions

Conversions Part 1

Format	Color
Hex	7BB274
RGB	123, 178, 116
RGB Percent	48%, 70%, 45%
CMY	0.5176, 0.3020, 0.5451
CMYK	0.31, 0.00, 0.35, 0.30
HSL	113°, 29%, 58%
HSV	113°, 35%, 70%
XYZ	27.2412, 37.3127, 22.2893
YIQ	154.4870, -12.8780, -30.9420

Conversions

Conversions Part 2

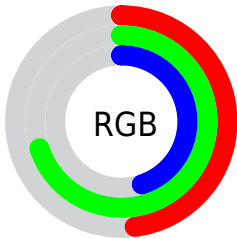
Format	Color
RYB	116, 178, 171
Decimal	8106612
CIELab	67.51, -30.30, 26.11
CIELCh	68, 40.001, 139.246
Yxy	37.3127, 0.3137, 0.4297
Android (android.graphics.Color)	4286296692 (0xFF7BB274)
YUV	154.4870, -18.9741, -27.6141
Hunter-Lab	61.0841, -27.2931, 21.1242

Details

The Hex color **7BB274** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB74B2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B1EAA9**, and **487D43** is the 20% darker color. If you saturate the color by 10%, you get **6BB262**, and if you desaturate by 10%, it is **8BB286**.

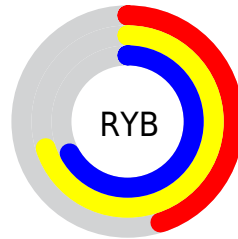
Distribution



Red (48%)

Green (70%)

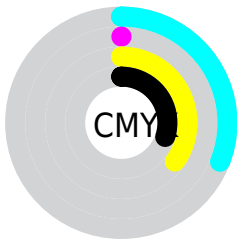
Blue (45%)



Red (45%)

Yellow (70%)

Blue (67%)

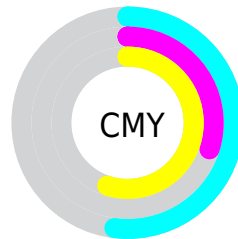


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (30%)



Cyan (52%)

Magenta (30%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7BB274 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 7BB274 by changing the saturation by 10% instead.

 7BB274

 7BB274

FFFFFF

 61975B

 B1EAA9

 487D43

 CDFFC4

 2E642C

 EAFFE0

 134B15

FFFFFFD

 003400

 002100

 000000

 7BB274

 7BB274

 6BB262

 8BB286

 5BB250

 9BB298

 4CB23F

 AAB2A9

 3CB22D

 BAB2BB

 2CB21B

 CAB2CD

 1CB209

 DAB2DF

 14B200

 EAB2F1

 F9B2FF

 FFB2FF

Harmonies

Analogous

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



A4AA5F



7BB274



49B796

Triad

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



7BB274



54ACEB



EA898E

Complementary

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



7BB274



AB74B2

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.



E289B3



7BB274



95A0E8

Square

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



7BB274



00B4DA



C593D4



E0916F

Rectangle

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



7BB274



13B8AF



C593D4



EA889A

Sweetspot

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



7BB274



D3E8D1



B2AB74



697567



F5F5F5



757575

Same Dimension

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



7BB274



92E887



74B28C



515950



119900



031A00

Inverse Universe

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



AB74B2



DD87E8



B2749A



585059



880099



17001A

Previews

White Background



This preview shows how the Hex color 7BB274 looks on a white background.

Color Contrast Check

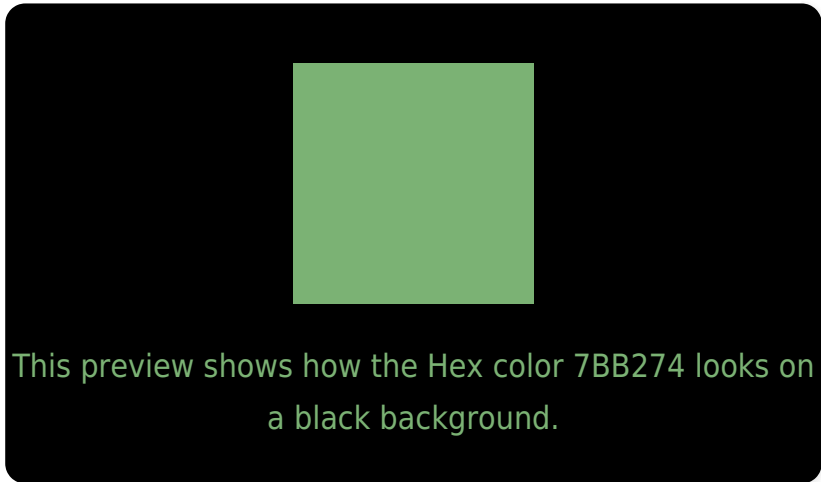
Large Text (above 18pt) WCAG AA × Fail

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

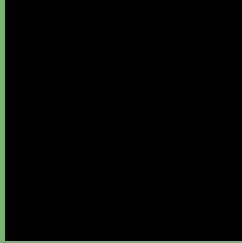
Any Text WCAG AA ✓ Pass

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 7BB274 Background



This preview shows how black text looks on a background with the Hex color 7BB274.

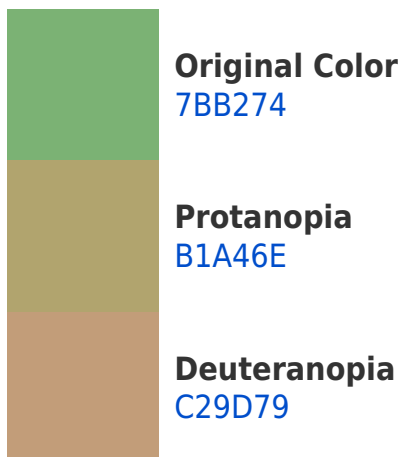


This preview shows how white text looks on a background with the Hex color 7BB274.

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](#).

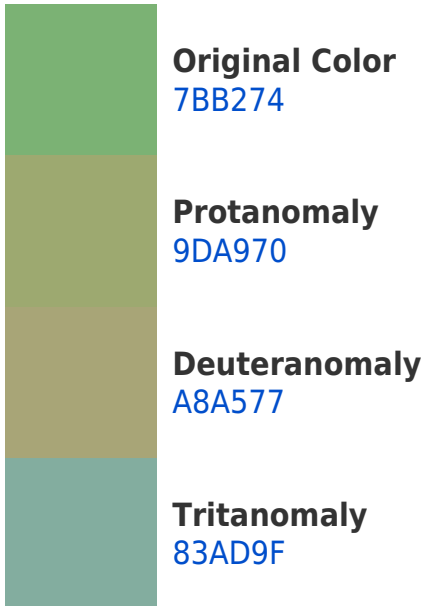
Dichromacy



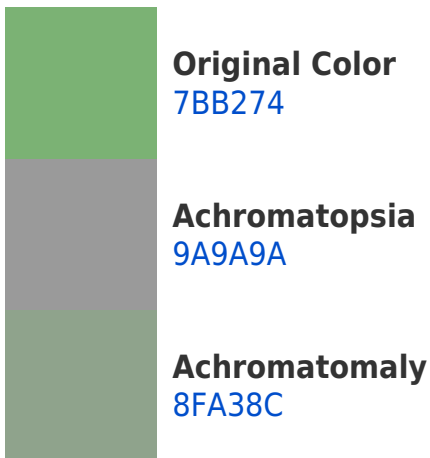


Tritanopia
87AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB274 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 #7BB274 looks like.

```
.text, #text, p{  
    color:#7BB274  
}
```

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 #7BB274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB274
}
```

Border

The CSS property to change the border of an element to Hex 7BB274 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
#7BB274 }
```

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

```
.border{ border-color:#7BB274 }
```

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

Here you see how a box with a 4 pixel #7BB274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB274; -webkit-box-shadow:4px 4px  
4px 4px #7BB274; box-shadow:4px 4px 4px  
4px #7BB274 }
```

Background

The CSS property to change the background color of an element to Hex 7BB274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB274 }
```

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

```
.background{ background-color:#7BB274 }
```

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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