

Converting Colors

Hex(8DB271)

Have a look what the booklet for
Hex(8DB271) contains.

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Color

Hex(8DB271)

Conversions

Conversions Part 1

Format	Color
Hex	8DB271
RGB	141, 178, 113
RGB Percent	55%, 70%, 44%
CMY	0.4471, 0.3020, 0.5569
CMYK	0.21, 0.00, 0.37, 0.30
HSL	94°, 30%, 57%
HSV	94°, 37%, 70%
XYZ	29.8855, 38.6958, 21.5167
YIQ	159.5270, -1.1870, -28.0590

Conversions

Conversions Part 2

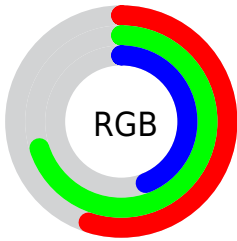
Format	Color
RYB	113, 178, 150
Decimal	9286257
CIELab	68.53, -24.36, 29.25
CIELCh	69, 38.061, 129.785
Yxy	38.6958, 0.3317, 0.4295
Android (android.graphics.Color)	4287476337 (0xFF8DB271)
YUV	159.5270, -22.9378, -16.2482
Hunter-Lab	62.2059, -23.1038, 23.0361

Details

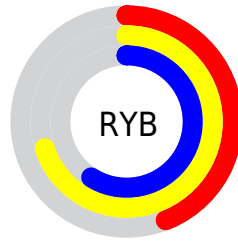
The Hex color **8DB271** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **9671B2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C4EAA5**, and **597D40** is the 20% darker color. If you saturate the color by 10%, you get **83B25F**, and if you desaturate by 10%, it is **97B283**.

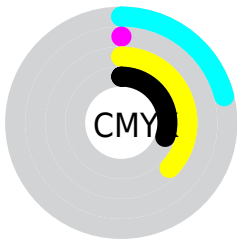
Distribution



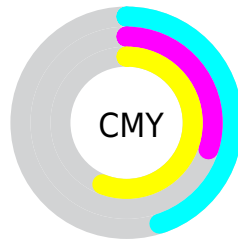
- Red (55%)
- Green (70%)
- Blue (44%)



- Red (44%)
- Yellow (70%)
- Blue (59%)



- Cyan (21%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)



- Cyan (45%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DB271 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 8DB271 by changing the saturation by 10% instead.

 8DB271

 8DB271

FFFFFF

 739758

 C4EAA5

 597D40

 E0FFC1

 416429

 FDFFD

 294C12

 FFFFFA

 123500

 002000

 000000

 8DB271

 8DB271

 83B25F

 97B283

 79B24D

 A1B295

 6FB23C

 ABB2A6

 64B22A

 B6B2B8

 5AB218

 C0B2CA

 50B206

 CAB2DC

 4DB200

 D4B2EE

 DEB2FF

 E8B2FF

Harmonies

Analogous

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



B3A962



8DB271



62B88E

Triad

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



8DB271



49B1E7



EA8C9D

Complementary

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



8DB271



9671B2

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.



DB8FC0



8DB271



87A7EB

Square

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



8DB271



00B7D2



BA9ADC



E5927D

Rectangle

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



8DB271



40B9A6



BA9ADC



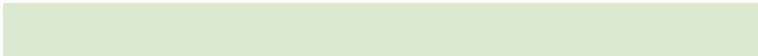
E78CA9

Sweetspot

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



8DB271



DAE8CF



B29671



6D7566



F5F5F5



757575

Same Dimension

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



8DB271



AEE882



71B275



545950



429900



0B1A00

Inverse Universe

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



9671B2



BC82E8



B271AE



555059



570099



0F001A

Previews

White Background



This preview shows how the Hex color 8DB271 looks on a white background.

Color Contrast Check

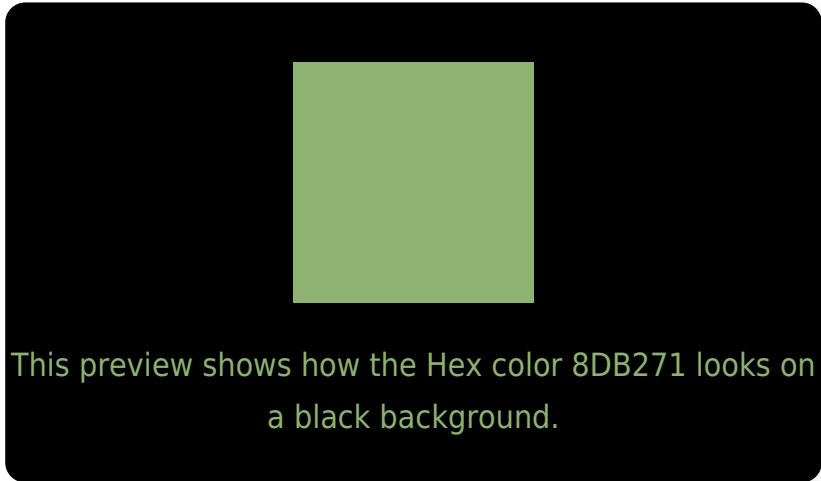
Large Text (above 18pt) WCAG AA × Fail

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

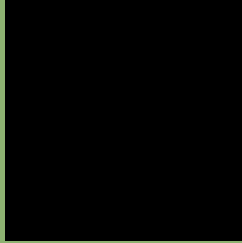
Any Text WCAG AA ✓ Pass

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 8DB271 Background



This preview shows how black text looks on a background with the Hex color 8DB271.

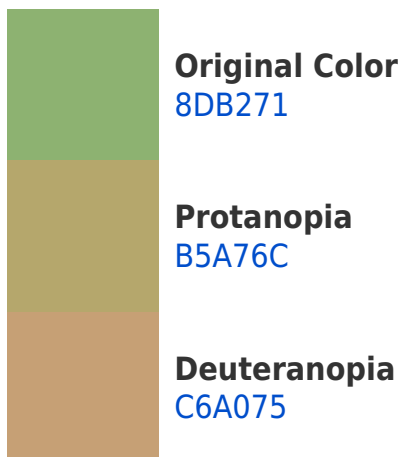


This preview shows how white text looks on a background with the Hex color 8DB271.

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](#).

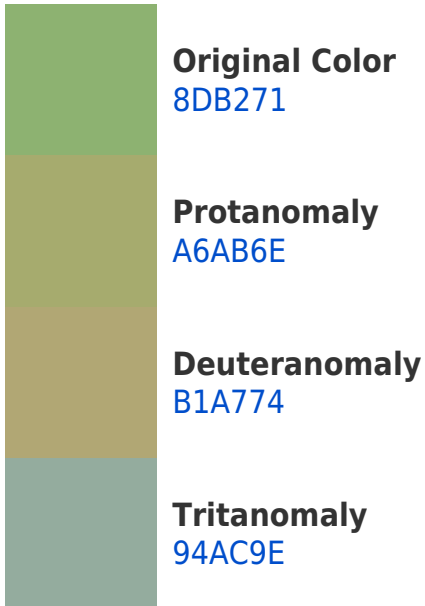
Dichromacy





Tritanopia
98A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DB271 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 #8DB271 looks like.

```
.text, #text, p{  
    color:#8DB271  
}
```

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 #8DB271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DB271
}
```

Border

The CSS property to change the border of an element to Hex 8DB271 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
#8DB271 }
```

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

```
.border{ border-color:#8DB271 }
```

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

Here you see how a box with a 4 pixel #8DB271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DB271; -webkit-box-shadow:4px 4px  
4px 4px #8DB271; box-shadow:4px 4px 4px  
4px #8DB271 }
```

Background

The CSS property to change the background color of an element to Hex 8DB271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DB271 }
```

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

```
.background{ background-color:#8DB271 }
```

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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