

Converting Colors

Hex(5DB291)

Have a look what the booklet for
Hex(5DB291) contains.

Hex(5DB291)	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(5DB291)

Conversions

Conversions Part 1

Format	Color
Hex	5DB291
RGB	93, 178, 145
RGB Percent	36%, 70%, 57%
CMY	0.6353, 0.3020, 0.4314
CMYK	0.48, 0.00, 0.19, 0.30
HSL	157°, 36%, 53%
HSV	157°, 48%, 70%
XYZ	25.5454, 36.2123, 32.4313
YIQ	148.8230, -40.0670, -28.2830

Conversions

Conversions Part 2

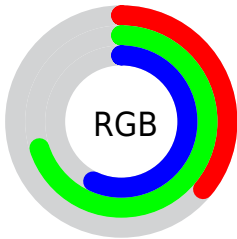
Format	Color
RYB	93, 146, 178
Decimal	6140561
CIELab	66.68, -33.71, 8.99
CIElCh	67, 34.892, 165.073
Yxy	36.2123, 0.2712, 0.3845
Android (android.graphics.Color)	4284330641 (0xFF5DB291)
YUV	148.8230, -1.8847, -48.9568
Hunter-Lab	60.1766, -29.5345, 10.1701

Details

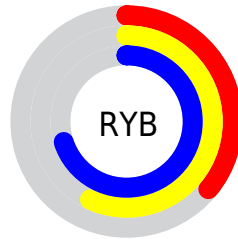
The Hex color **5DB291** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B25D7E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **94EAC7**, and **247D5F** is the 20% darker color. If you saturate the color by 10%, you get **4BB28A**, and if you desaturate by 10%, it is **6FB298**.

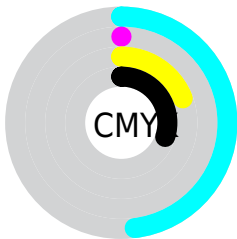
Distribution



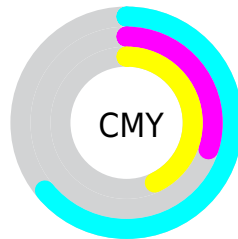
- Red (36%)
- Green (70%)
- Blue (57%)



- Red (36%)
- Yellow (57%)
- Blue (70%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (30%)



- Cyan (64%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB291 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 5DB291 by changing the saturation by 10% instead.

 5DB291

 5DB291

FFFFFF

 419777

 94EAC7

 247D5F

 B0FFE3

 006347

 CDFFFF

 004B30

 EAFFFF

 00331B

 001F01

 000000

 5DB291

 5DB291

 4BB28A

 6FB298

 39B283

 81B29F

 28B27C

 92B2A6

 16B275

 A4B2AD

 04B26E

 B6B2B4

 00B26D

 C8B2BA

 DAB2C1

 EBB2C8

 FDB2CF

Harmonies

Analogous

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



84AD75



5DB291



34B3B1

Triad

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



5DB291



8FA0DF



D99077

Complementary

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



5DB291



B25D7E

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.



E08A93



5DB291



BA94CF

Square

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



5DB291



5BAADE



D68CB3



C59B66

Rectangle

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



5DB291



26B2C5



D68CB3



DD8E80

Sweetspot

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



5DB291



C8E8DB



7FB25D



61756E



F5F5F5



757575

Same Dimension

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



5DB291



64E8B5



5DA9B2



505956



00995E



001A10

Inverse Universe

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



B25D7E



E86497



B2665D



595054



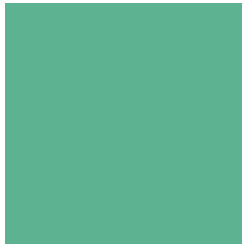
99003B



1A000A

Previews

White Background



This preview shows how the Hex color 5DB291 looks on a white background.

Color Contrast Check

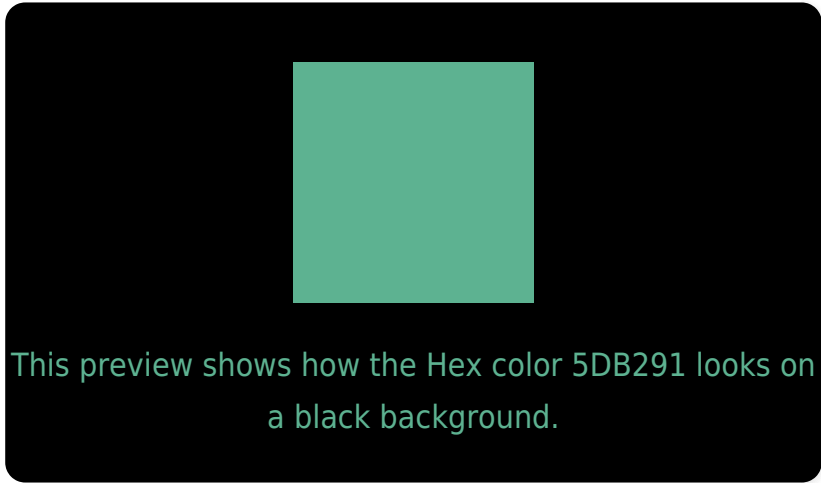
Large Text (above 18pt) WCAG AA × Fail

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

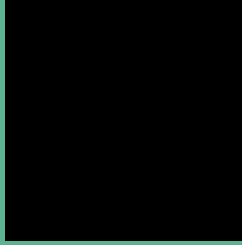
Any Text WCAG AA ✓ Pass

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 5DB291 Background



This preview shows how black text looks on a background with the Hex color 5DB291.

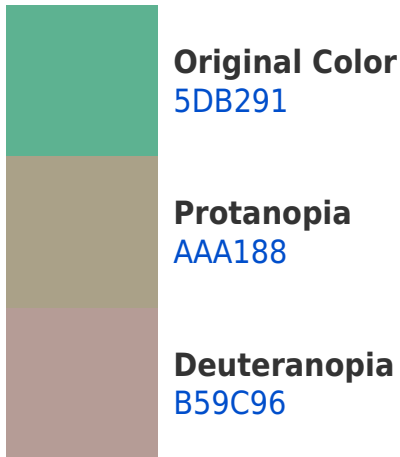


This preview shows how white text looks on a background with the Hex color 5DB291.

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



Trichromacy



Original Color
5DB291



Protanomaly
8EA78B



Deuteranomaly
95A494



Tritanomaly
64AEAB

Monochromacy



Original Color
5DB291



Achromatopsia
959595



Achromatomaly
81A094

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB291 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 #5DB291 looks like.

```
.text, #text, p{  
    color:#5DB291  
}
```

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 #5DB291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB291
}
```

Border

The CSS property to change the border of an element to Hex 5DB291 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
#5DB291 }
```

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

```
.border{ border-color:#5DB291 }
```

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

Here you see how a box with a 4 pixel #5DB291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB291; -webkit-box-shadow:4px 4px  
4px 4px #5DB291; box-shadow:4px 4px 4px  
4px #5DB291 }
```

Background

The CSS property to change the background color of an element to Hex 5DB291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB291 }
```

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

```
.background{ background-color:#5DB291 }
```

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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