

Converting Colors

Hex(6BD292)

Have a look what the booklet for
Hex(6BD292) contains.

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Color

Hex(6BD292)

Conversions

Conversions Part 1

Format	Color
Hex	6BD292
RGB	107, 210, 146
RGB Percent	42%, 82%, 57%
CMY	0.5804, 0.1765, 0.4275
CMYK	0.49, 0.00, 0.30, 0.18
HSL	143°, 53%, 62%
HSV	143°, 49%, 82%
XYZ	34.2983, 51.2943, 35.2872
YIQ	171.9070, -40.8440, -41.7400

Conversions

Conversions Part 2

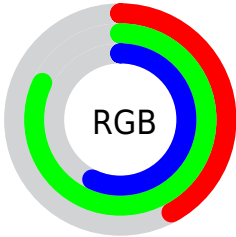
Format	Color
RYB	107, 182, 210
Decimal	7066258
CIELab	76.86, -44.27, 22.72
CIELCh	77, 49.764, 152.834
Yxy	51.2943, 0.2837, 0.4243
Android (android.graphics.Color)	4285256338 (0xFF6BD292)
YUV	171.9070, -12.7722, -56.9234
Hunter-Lab	71.6200, -39.8528, 20.9218

Details

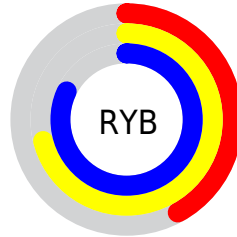
The Hex color **6BD292** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D26BAB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A4FFC8**, and **2F9B5F** is the 20% darker color. If you saturate the color by 10%, you get **56D285**, and if you desaturate by 10%, it is **80D29F**.

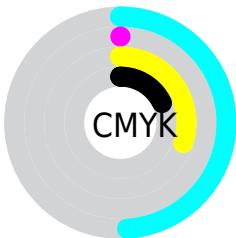
Distribution



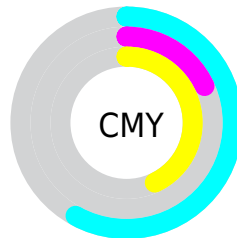
- Red (42%)
- Green (82%)
- Blue (57%)



- Red (42%)
- Yellow (71%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD292 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 6BD292 by changing the saturation by 10% instead.

 6BD292

 6BD292

FFFFFF

 4EB678

 A4FFC8

 2F9B5F

 C1FFE4

 008047

 DEFFFF

 006630

 FCFFFF

 004D1A

 003501

 002000

 000000

 6BD292

 6BD292

 56D285

 80D29F

 41D278

 95D2AC

 2CD26B

 AAD2B9

 17D25E

 BFD2C6

 02D251

 D4D2D3

 00D250

 E9D2E0

 FED2ED

 FFD2FA

 FFD2FF

Harmonies

Analogous

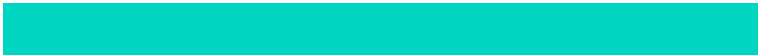
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6CA6E



6BD292



00D6C1

Triad

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



6BD292



7AC1FF



FF9D8E

Complementary

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



6BD292



D26BAB

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.



FF98BB



6BD292



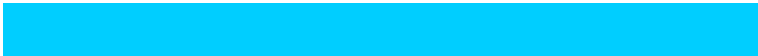
C8B0FF

Square

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



6BD292



00CEFF



FBA0E9



FCAC6C

Rectangle

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



6BD292



00D5E0



FBA0E9



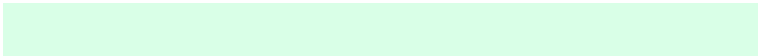
FF9A9C

Sweetspot

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



6BD292



D9FFE7



ACD26B



698071



000000



808080

Same Dimension

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



6BD292



69FFA2



6BD2C4



5E6962



00A840



00290F

Inverse Universe

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



D26BAB



FF69C6



D26B79



695E65



A80069



290019

Previews

White Background



This preview shows how the Hex color 6BD292 looks on a white background.

Color Contrast Check

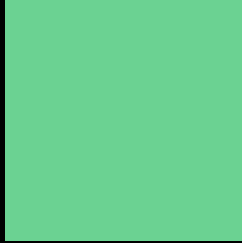
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6BD292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

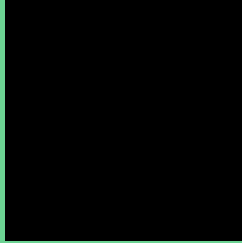
Any Text WCAG AA ✓ Pass

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 6BD292 Background



This preview shows how black text looks on a background with the Hex color 6BD292.

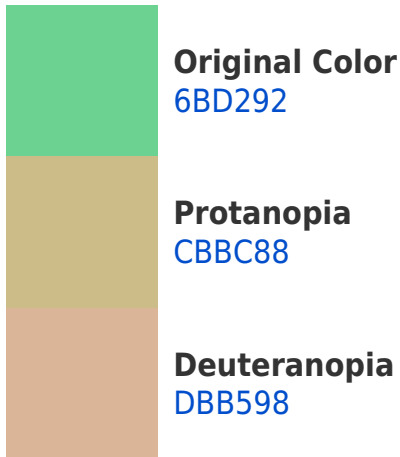


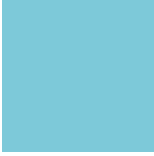
This preview shows how white text looks on a background with the Hex color 6BD292.

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
7DC9D9

Trichromacy



Original Color
6BD292



Protanomaly
A8C48C



Deuteranomaly
B2C096



Tritanomaly
76CCBF

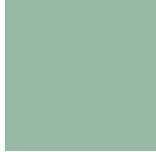
Monochromacy



Original Color
6BD292



Achromatopsia
ACACAC



Achromatomaly
94BAA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD292 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 #6BD292 looks like.

```
.text, #text, p{  
    color:#6BD292  
}
```

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 #6BD292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD292
}
```

Border

The CSS property to change the border of an element to Hex 6BD292 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
#6BD292 }
```

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

```
.border{ border-color:#6BD292 }
```

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

Here you see how a box with a 4 pixel #6BD292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD292; -webkit-box-shadow:4px 4px  
4px 4px #6BD292; box-shadow:4px 4px 4px  
4px #6BD292 }
```

Background

The CSS property to change the background color of an element to Hex 6BD292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD292 }
```

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

```
.background{ background-color:#6BD292 }
```

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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