

Converting Colors

Hex(7BD268)

Have a look what the booklet for
Hex(7BD268) contains.

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Color

Hex(7BD268)

Conversions

Conversions Part 1

Format	Color
Hex	7BD268
RGB	123, 210, 104
RGB Percent	48%, 82%, 41%
CMY	0.5176, 0.1765, 0.5922
CMYK	0.41, 0.00, 0.50, 0.18
HSL	109°, 54%, 62%
HSV	109°, 50%, 82%
XYZ	33.7137, 51.3036, 21.2224
YIQ	171.9030, -17.8260, -51.4100

Conversions

Conversions Part 2

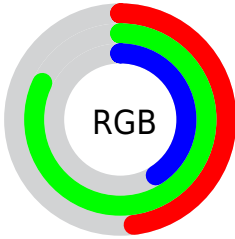
Format	Color
RYB	104, 210, 191
Decimal	8114792
CIELab	76.86, -46.33, 44.15
CIELCh	77, 63.998, 136.383
Yxy	51.3036, 0.3173, 0.4829
Android (android.graphics.Color)	4286304872 (0xFF7BD268)
YUV	171.9030, -33.4762, -42.8879
Hunter-Lab	71.6265, -41.3289, 32.5714

Details

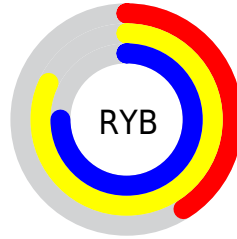
The Hex color **7BD268** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BF68D2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B4FF9D**, and **429B35** is the 20% darker color. If you saturate the color by 10%, you get **6AD253**, and if you desaturate by 10%, it is **8CD27D**.

Distribution



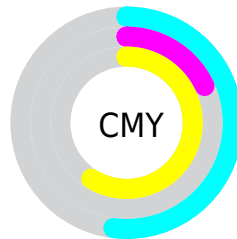
- Red (48%)
- Green (82%)
- Blue (41%)



- Red (41%)
- Yellow (82%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD268 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 7BD268 by changing the saturation by 10% instead.

 7BD268

 7BD268

FFFFFF

 5FB64E

 B4FF9D

 429B35

 D1FFB9

 23801A

 EEFFD5

 006600

 FFFFF2

 004D00

 003600

 002000

 000000

 7BD268

 7BD268

 6AD253

 8CD27D

 59D23E

 9DD292

 47D229

 AFD2A7

 36D214

 C0D2BC

 26D200

 D1D2D1

 E2D2E6

 F4D2FB

 FFD2FF

Harmonies

Analogous

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



BFC544



7BD268



00D9A0

Triad

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



7BD268



00CCFF



FF8AA0

Complementary

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



7BD268



BF68D2

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.



FF8CDB



7BD268



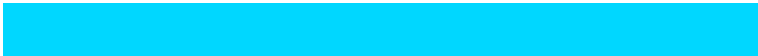
90B9FF

Square

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



7BD268



00D7FF



EBA1FF



FF9A6A

Rectangle

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



7BD268



00DBC9



EBA1FF



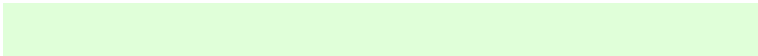
FF88B3

Sweetspot

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



7BD268



E0FFD9



D2BF68



6D8069



000000



808080

Same Dimension

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



7BD268



7FFF63



68D28A



60695E



1EA800



072900

Inverse Universe

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



BF68D2



E363FF



D268B0



675E69



8A00A8



210029

Previews

White Background



This preview shows how the Hex color 7BD268 looks on a white background.

Color Contrast Check

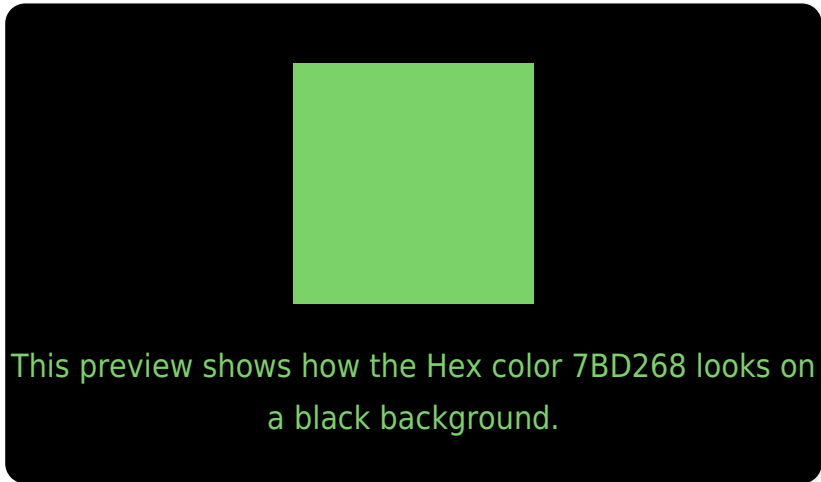
Large Text (above 18pt) WCAG AA × Fail

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

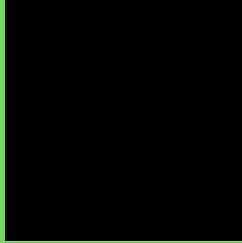
Any Text WCAG AA ✓ Pass

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 7BD268 Background



This preview shows how black text looks on a background with the Hex color 7BD268.

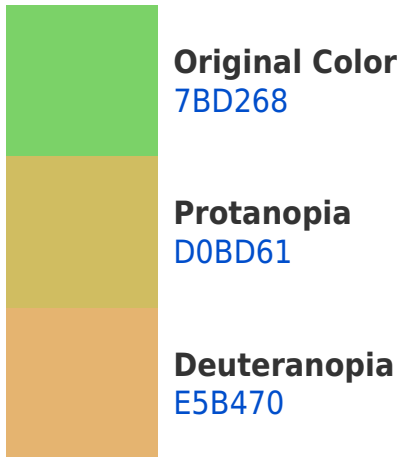


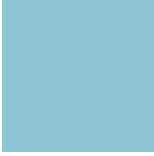
This preview shows how white text looks on a background with the Hex color 7BD268.

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
8FC6D6

Trichromacy



Original Color
7BD268



Protanomaly
B1C564



Deuteranomaly
BEBF6D



Tritanomaly
88CAAE

Monochromacy



Original Color
7BD268



Achromatopsia
ACACAC



Achromatomaly
9ABA93

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD268 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 #7BD268 looks like.

```
.text, #text, p{  
    color:#7BD268  
}
```

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 #7BD268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD268
}
```

Border

The CSS property to change the border of an element to Hex 7BD268 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
#7BD268 }
```

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

```
.border{ border-color:#7BD268 }
```

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

Here you see how a box with a 4 pixel #7BD268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD268; -webkit-box-shadow:4px 4px  
4px 4px #7BD268; box-shadow:4px 4px 4px  
4px #7BD268 }
```

Background

The CSS property to change the background color of an element to Hex 7BD268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD268 }
```

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

```
.background{ background-color:#7BD268 }
```

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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