

Converting Colors

Hex(7BD93B)

Have a look what the booklet for
Hex(7BD93B) contains.

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Color

Hex(7BD93B)

Conversions

Conversions Part 1

Format	Color
Hex	7BD93B
RGB	123, 217, 59
RGB Percent	48%, 85%, 23%
CMY	0.5176, 0.1490, 0.7686
CMYK	0.43, 0.00, 0.73, 0.15
HSL	96°, 68%, 54%
HSV	96°, 73%, 85%
XYZ	33.7707, 54.1524, 12.8102
YIQ	170.8820, -5.3060, -69.0660

Conversions

Conversions Part 2

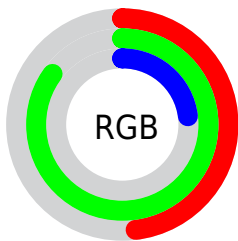
Format	Color
RYB	59, 217, 153
Decimal	8116539
CIELab	78.55, -53.41, 65.02
CIELCh	79, 84.142, 129.402
Yxy	54.1524, 0.3352, 0.5376
Android (android.graphics.Color)	4286306619 (0xFF7BD93B)
YUV	170.8820, -55.1578, -41.9925
Hunter-Lab	73.5883, -46.8636, 41.1906

Details

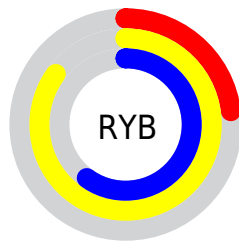
The Hex color **7BD93B** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **993BD9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B6FF74**, and **3EA100** is the 20% darker color. If you saturate the color by 10%, you get **6ED925**, and if you desaturate by 10%, it is **88D951**.

Distribution



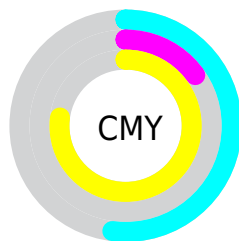
- Red (48%)
- Green (85%)
- Blue (23%)



- Red (23%)
- Yellow (85%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (73%)
- Black (15%)



- Cyan (52%)
- Magenta (15%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD93B 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 7BD93B by changing the saturation by 10% instead.

 7BD93B

 7BD93B

FFFFFF

 5DBD19

 B6FF74

 3EA100

 D3FF90

 178600

 F1FFAC

 006C00

 FFFFC9

 005300

 FFFFE6

 003B00

 002400

 000000

 7BD93B

 7BD93B

 6ED925

 88D951

 61D910

 95D966

 58D900

 A2D97C

 AFD992

 BCD9A7

 C8D9BD

 D5D9D3

 E2D9E9

 EFD9FE

Harmonies

Analogous

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



D1C700



7BD93B



00E388

Triad

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



7BD93B



00DAFF



FF71AD

Complementary

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



7BD93B



993BD9

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.



FF7EFB



7BD93B



00C4FF

Square

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



7BD93B



00E4FF



E4A2FF



FF8863

Rectangle

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



7BD93B



00E6BE



E4A2FF



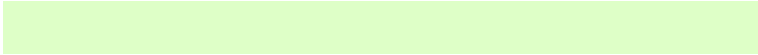
FF71C7

Sweetspot

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



7BD93B



DEFFC7



D9973B



6C805E



000000



808080

Same Dimension

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



7BD93B



7BFF21



3BD948



676E63



46AD00



132E00

Inverse Universe

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



993BD9



A521FF



D93BCC



69636E



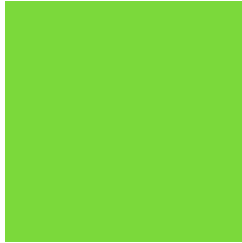
6700AD



1B002E

Previews

White Background



This preview shows how the Hex color 7BD93B 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 7BD93B 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 7BD93B Background



This preview shows how black text looks on a background with the Hex color 7BD93B.

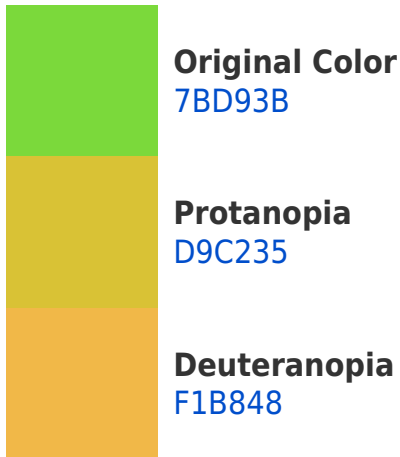


This preview shows how white text looks on a background with the Hex color 7BD93B.

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
94CADB

Trichromacy



Original Color
7BD93B



Protanomaly
B7CA37



Deuteranomaly
C6C443



Tritanomaly
8BCFA1

Monochromacy



Original Color
7BD93B



Achromatopsia
ABABAB



Achromatomaly
9ABC82

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD93B 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 #7BD93B looks like.

```
.text, #text, p{  
    color:#7BD93B  
}
```

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 #7BD93B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD93B
}
```

Border

The CSS property to change the border of an element to Hex 7BD93B 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
#7BD93B }
```

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

```
.border{ border-color:#7BD93B }
```

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

Here you see how a box with a 4 pixel #7BD93B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD93B; -webkit-box-shadow:4px 4px  
4px 4px #7BD93B; box-shadow:4px 4px 4px  
4px #7BD93B }
```

Background

The CSS property to change the background color of an element to Hex 7BD93B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD93B }
```

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

```
.background{ background-color:#7BD93B }
```

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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