

Converting Colors

Hex(7BD513)

Have a look what the booklet for
Hex(7BD513) contains.

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Color

Hex(7BD513)

Conversions

Conversions Part 1

Format	Color
Hex	7BD513
RGB	123, 213, 19
RGB Percent	48%, 84%, 7%
CMY	0.5176, 0.1647, 0.9255
CMYK	0.42, 0.00, 0.91, 0.16
HSL	88°, 84%, 45%
HSV	88°, 91%, 84%
XYZ	32.0802, 51.8465, 8.9327
YIQ	163.9740, 8.6340, -79.4140

Conversions

Conversions Part 2

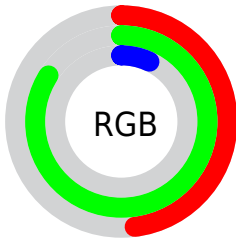
Format	Color
RYB	19, 213, 109
Decimal	8115475
CIELab	77.19, -53.55, 73.77
CIELCh	77, 91.155, 125.978
Yxy	51.8465, 0.3455, 0.5583
Android (android.graphics.Color)	4286305555 (0xFF7BD513)
YUV	163.9740, -71.4722, -35.9342
Hunter-Lab	72.0045, -46.4807, 43.0478

Details

The Hex color **7BD513** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6D13D5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B6FF5A**, and **3D9E00** is the 20% darker color. If you saturate the color by 10%, you get **72D500**, and if you desaturate by 10%, it is **85D528**.

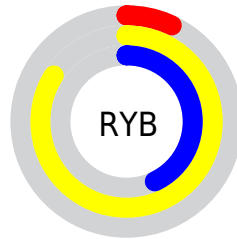
Distribution



Red (48%)

Green (84%)

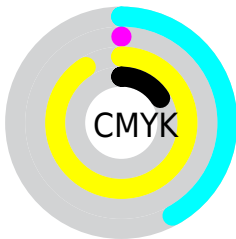
Blue (7%)



Red (7%)

Yellow (84%)

Blue (43%)

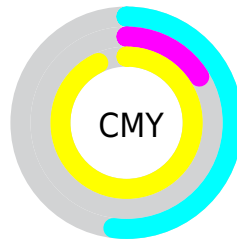


Cyan (42%)

Magenta (0%)

Yellow (91%)

Black (16%)



Cyan (52%)

Magenta (16%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD513 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 7BD513 by changing the saturation by 10% instead.

 7BD513

 7BD513

FFFFFF

 5DB900

 B6FF5A

 3D9E00

 D4FF77

 148300

 F2FF94

 006900

 FFFFB1

 005000

 FFFFCE

 003800

 FFFFEC

 002100

 000000

 7BD513

 7BD513

 72D500

 85D528

 8FD53E

 99D553

 A3D568

 ACD57E

 B6D593

 C0D5A8

 CAD5BD

 D4D5D3

Harmonies

Analogous

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



D5C000



7BD513



00E075

Triad

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



7BD513



00DAFF



FF5EB1

Complementary

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



7BD513



6D13D5

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.



FF74FF



7BD513



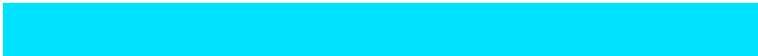
00C4FF

Square

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



7BD513



00E3FF



D3A0FF



FF7860

Rectangle

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



7BD513



00E4B0



D3A0FF



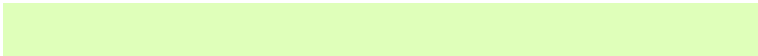
FF60CE

Sweetspot

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



7BD513



DFFFBA



D56A13



6D8057



000000



808080

Same Dimension

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



7BD513



89FF00



1DD513



666B60



5CAB00



172B00

Inverse Universe

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



6D13D5



7600FF



CB13D5



65606B



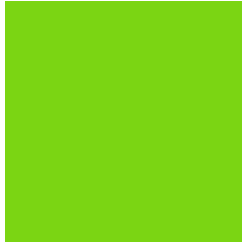
4F00AB



14002B

Previews

White Background



This preview shows how the Hex color 7BD513 looks on a white background.

Color Contrast Check

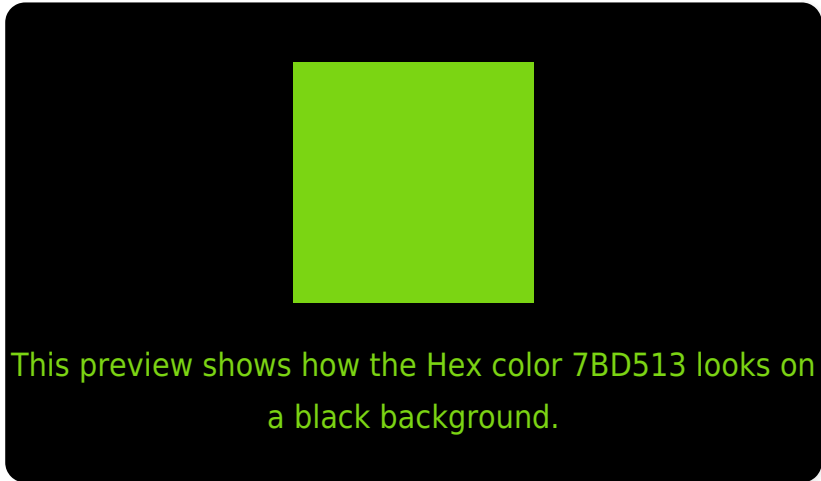
Large Text (above 18pt) WCAG AA × Fail

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 7BD513 Background



This preview shows how black text looks on a background with the Hex color 7BD513.

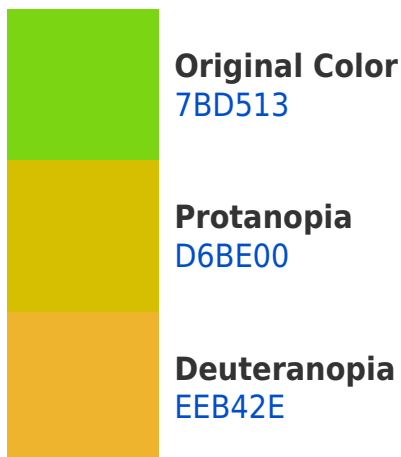


This preview shows how white text looks on a background with the Hex color 7BD513.

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
94C6D6

Trichromacy



Original Color
7BD513



Protanomaly
B5C607



Deuteranomaly
C4C024

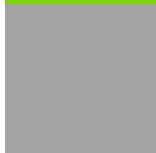


Tritanomaly
8BCB8F

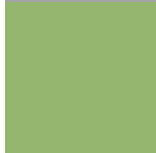
Monochromacy



Original Color
7BD513



Achromatopsia
A4A4A4



Achromatomaly
95B66F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD513 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 #7BD513 looks like.

```
.text, #text, p{  
    color:#7BD513  
}
```

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 #7BD513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD513
}
```

Border

The CSS property to change the border of an element to Hex 7BD513 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
#7BD513 }
```

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

```
.border{ border-color:#7BD513 }
```

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

Here you see how a box with a 4 pixel #7BD513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD513; -webkit-box-shadow:4px 4px  
4px 4px #7BD513; box-shadow:4px 4px 4px  
4px #7BD513 }
```

Background

The CSS property to change the background color of an element to Hex 7BD513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD513 }
```

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

```
.background{ background-color:#7BD513 }
```

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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