

Converting Colors

Hex(7DD426)

Have a look what the booklet for
Hex(7DD426) contains.

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Color

Hex(7DD426)

Conversions

Conversions Part 1

Format	Color
Hex	7DD426
RGB	125, 212, 38
RGB Percent	49%, 83%, 15%
CMY	0.5098, 0.1686, 0.8510
CMYK	0.41, 0.00, 0.82, 0.17
HSL	90°, 70%, 49%
HSV	90°, 82%, 83%
XYZ	32.3508, 51.5869, 10.0859
YIQ	166.1510, 4.0020, -72.5580

Conversions

Conversions Part 2

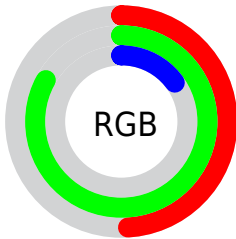
Format	Color
RYB	38, 212, 125
Decimal	8246310
CIELab	77.03, -51.90, 69.91
CIELCh	77, 87.070, 126.592
Yxy	51.5869, 0.3441, 0.5487
Android (android.graphics.Color)	4286436390 (0xFF7DD426)
YUV	166.1510, -63.1784, -36.0894
Hunter-Lab	71.8240, -45.2925, 41.9510

Details

The Hex color **7DD426** 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 **7D26D4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B8FF64**, and **419D00** is the 20% darker color. If you saturate the color by 10%, you get **72D411**, and if you desaturate by 10%, it is **88D43B**.

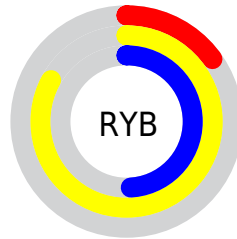
Distribution



Red (49%)

Green (83%)

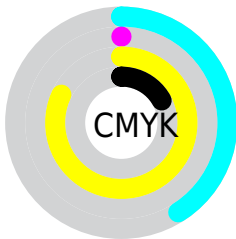
Blue (15%)



Red (15%)

Yellow (83%)

Blue (49%)

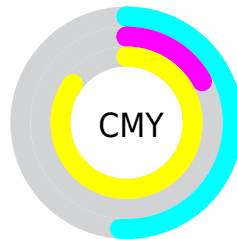


Cyan (41%)

Magenta (0%)

Yellow (82%)

Black (17%)



Cyan (51%)

Magenta (17%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DD426 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 7DD426 by changing the saturation by 10% instead.



7DD426



7DD426

FFFFFF



5FB800



B8FF64



419D00



D5FF80



1B8200



F4FF9D



006800



FFFFB9



004F00



FFFFD7



003700



FFFFF4



002000



000000



7DD426



7DD426

 72D411

 88D43B

 6AD400

 92D450

 9DD466

 A7D47B

 B2D490

 BDD4A5

 C7D4BA

 D2D4D0

 DCD4E5

Harmonies

Analogous

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



D3C000



7DD426



00DF7A

Triad

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



7DD426



00D8FF



FF66B0

Complementary

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



7DD426



7D26D4

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.



FF79FF



7DD426



00C2FF

Square

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



7DD426



00E1FF



D5A0FF



FF7D62

Rectangle

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



7DD426



00E2B2



D5A0FF



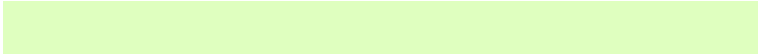
FF68CB

Sweetspot

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



7DD426



DFFFBF



D47D26



6C8059



000000



808080

Same Dimension

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



7DD426



82FF05



26D426



666B60



55AB00



162B00

Inverse Universe

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



7D26D4



8205FF



D426D4



66606B



5500AB



16002B

Previews

White Background



This preview shows how the Hex color 7DD426 looks on a white background.

Color Contrast Check

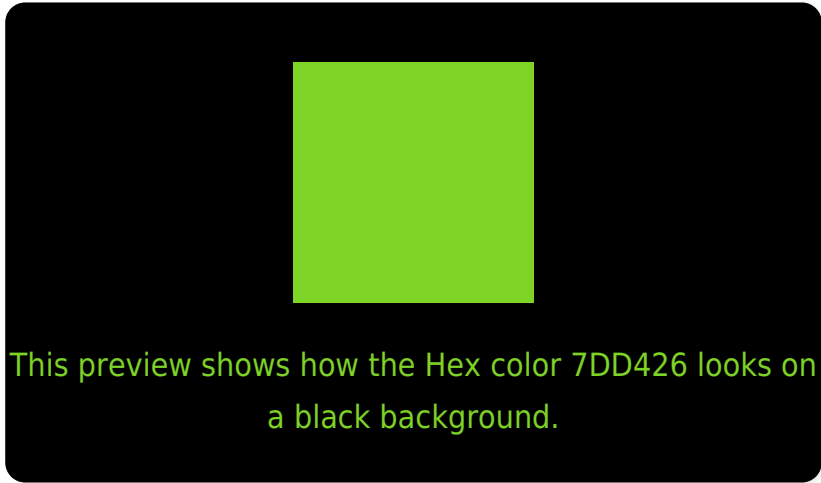
Large Text (above 18pt) WCAG AA × Fail

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 7DD426 Background



This preview shows how black text looks on a background with the Hex color 7DD426.

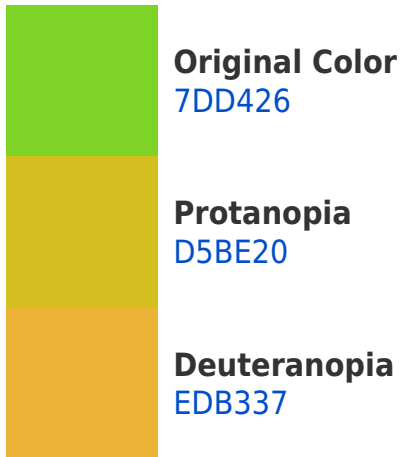


This preview shows how white text looks on a background with the Hex color 7DD426.

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





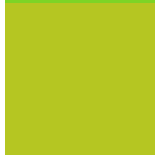
Tritanopia
95C5D5

Trichromacy



Original Color

7DD426



Protanomaly

B5C622



Deuteranomaly

C4BF31



Tritanomaly

8CCA95

Monochromacy



Original Color

7DD426



Achromatopsia

A6A6A6



Achromatomaly

97B777

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DD426 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 #7DD426 looks like.

```
.text, #text, p{  
    color:#7DD426  
}
```

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 #7DD426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD426
}
```

Border

The CSS property to change the border of an element to Hex 7DD426 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
#7DD426 }
```

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

```
.border{ border-color:#7DD426 }
```

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

Here you see how a box with a 4 pixel #7DD426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD426; -webkit-box-shadow:4px 4px  
4px 4px #7DD426; box-shadow:4px 4px 4px  
4px #7DD426 }
```

Background

The CSS property to change the background color of an element to Hex 7DD426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD426 }
```

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

```
.background{ background-color:#7DD426 }
```

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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