

Converting Colors

Hex(7FD162)

Have a look what the booklet for
Hex(7FD162) contains.

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Color

Hex(7FD162)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FD162 |
| RGB | 127, 209, 98 |
| RGB Percent | 50%, 82%, 38% |
| CMY | 0.5020, 0.1804, 0.6157 |
| CMYK | 0.39, 0.00, 0.53, 0.18 |
| HSL | 104°, 55%, 60% |
| HSV | 104°, 53%, 82% |
| XYZ | 33.7575, 50.9948, 19.6191 |
| YIQ | 171.8280, -13.2410, -51.9050 |

Conversions

Conversions Part 2

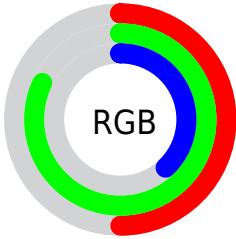
| Format | Color |
|-------------------------------------|--|
| RYB | 98, 209, 180 |
| Decimal | 8376674 |
| CIELab | 76.68, -45.37, 46.82 |
| CIELCh | 77, 65.202, 134.100 |
| Yxy | 50.9948, 0.3234, 0.4886 |
| Android (android.graphics.Color) | 4286566754 (0xFF7FD162) |
| YUV | 171.8280, -36.3972, -39.3142 |
| Hunter-Lab | 71.4106, -40.5875, 33.6984 |

Details

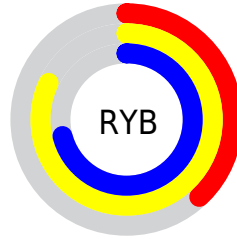
The Hex color **7FD162** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B462D1**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B8FF97**, and **479A2E** is the 20% darker color. If you saturate the color by 10%, you get **70D14D**, and if you desaturate by 10%, it is **8ED177**.

Distribution



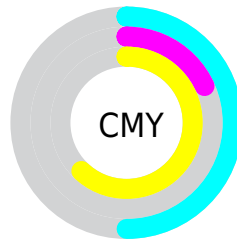
- Red (50%)
- Green (82%)
- Blue (38%)



- Red (38%)
- Yellow (82%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (53%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD162 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 7FD162 by changing the saturation by 10% instead.

 7FD162

 7FD162

FFFFFF

 63B548

 B8FF97

 479A2E

 D5FFB3

 297F11

 F2FFCF

 006600

 FFFFEC

 004D00

 003500

 001F00

 000000

 7FD162

 7FD162

 70D14D

 8ED177

 60D138

 9ED18C

 51D123

 ADD1A1

 41D10E

 BDD1B6

 37D100

 CCD1CB

 DCD1DF

 EBD1F4

 FBD1FF

 FFD1FF

Harmonies

Analogous

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



C3C33F



7FD162



00D99A

Triad

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



7FD162



00CDFE



FF87A3

Complementary

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



7FD162



B462D1

Split Complementary

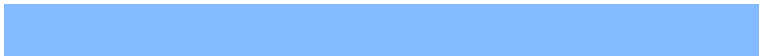
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8CE0



7FD162



84BAFF

Square

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



7FD162



00D7FF



E5A1FF



FF976C

Rectangle

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



7FD162



00DBC4



E5A1FF



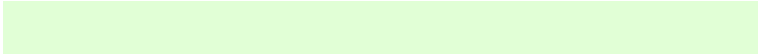
FF86B7

Sweetspot

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



7FD162



E1FFD6



D1B362



6E8067



000000



808080

Same Dimension

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



7FD162



86FF5C



62D17C



61695E



2CA800



0B2900

Inverse Universe

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



B462D1



D45CFF



D162B7



665E69



7C00A8



1E0029

Previews

White Background



This preview shows how the Hex color 7FD162 looks on a white background.

Color Contrast Check

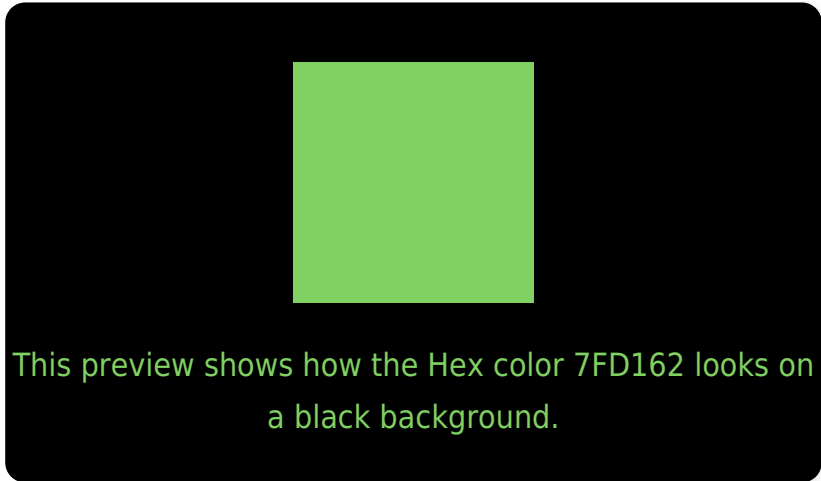
Large Text (above 18pt) WCAG AA × Fail

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

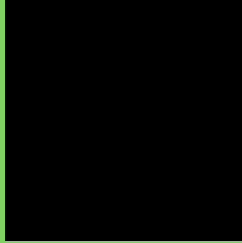
Any Text WCAG AA ✓ Pass

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 7FD162 Background



This preview shows how black text looks on a background with the Hex color 7FD162.

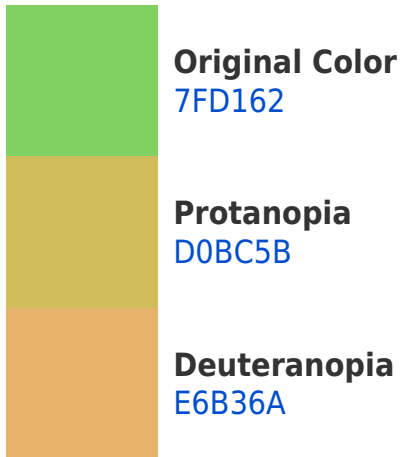


This preview shows how white text looks on a background with the Hex color 7FD162.

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](#).

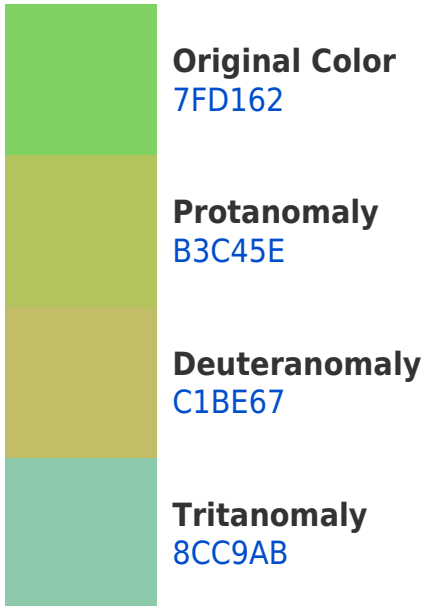
Dichromacy



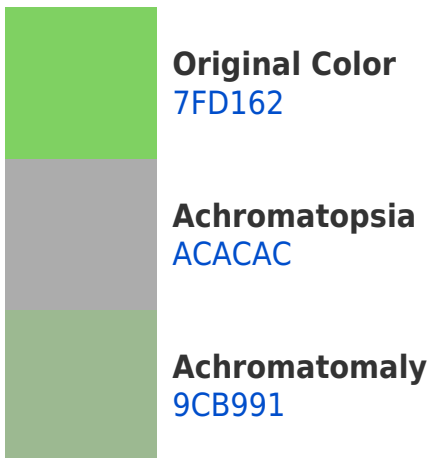


Tritanopia
93C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD162 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 #7FD162 looks like.

```
.text, #text, p{  
    color:#7FD162  
}
```

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 #7FD162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD162
}
```

Border

The CSS property to change the border of an element to Hex 7FD162 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
#7FD162 }
```

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

```
.border{ border-color:#7FD162 }
```

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

Here you see how a box with a 4 pixel #7FD162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD162; -webkit-box-shadow:4px 4px  
4px 4px #7FD162; box-shadow:4px 4px 4px  
4px #7FD162 }
```

Background

The CSS property to change the background color of an element to Hex 7FD162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD162 }
```

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

```
.background{ background-color:#7FD162 }
```

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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