

Converting Colors

Hex(76D589)

Have a look what the booklet for
Hex(76D589) contains.

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Color

Hex(76D589)

Conversions

Conversions Part 1

Format	Color
Hex	76D589
RGB	118, 213, 137
RGB Percent	46%, 84%, 54%
CMY	0.5373, 0.1647, 0.4627
CMYK	0.45, 0.00, 0.36, 0.16
HSL	132°, 53%, 65%
HSV	132°, 45%, 84%
XYZ	35.7808, 53.2462, 32.0586
YIQ	175.9310, -32.2240, -43.7760

Conversions

Conversions Part 2

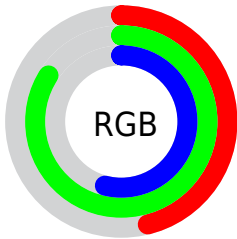
Format	Color
RYB	118, 197, 213
Decimal	7787913
CIELab	78.02, -44.23, 29.05
CIELCh	78, 52.918, 146.704
Yxy	53.2462, 0.2955, 0.4397
Android (android.graphics.Color)	4285977993 (0xFF76D589)
YUV	175.9310, -19.1930, -50.8055
Hunter-Lab	72.9700, -40.1700, 25.0305

Details

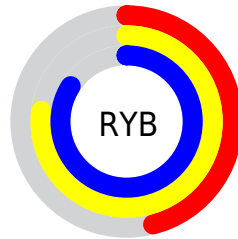
The Hex color **76D589** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D576C2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **AEFFBF**, and **3D9E56** is the 20% darker color. If you saturate the color by 10%, you get **61D578**, and if you desaturate by 10%, it is **8BD59A**.

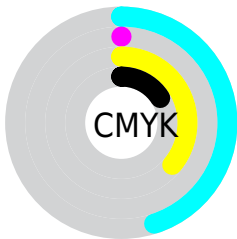
Distribution



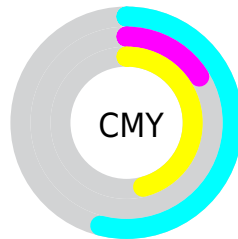
- Red (46%)
- Green (84%)
- Blue (54%)



- Red (46%)
- Yellow (77%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76D589 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 76D589 by changing the saturation by 10% instead.

 76D589

 76D589

FFFFFF

 5AB96F

 AEFFBF

 3D9E56

 CBFFDB

 1C833E

 E8FFF8

 006927

 00500F

 003800

 002300

 000000

 76D589

 76D589

 61D578

 8BD59A

 4BD567

 A1D5AB

 36D556

 B6D5BC

 21D545

 CBD5CD

 0BD534

 E1D5DE

 00D52B

 F6D5EF

 FFD5FF

Harmonies

Analogous

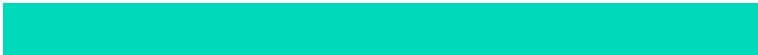
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2CB66



76D589



00DABA

Triad

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



76D589



5EC8FF



FF9C97

Complementary

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



76D589



D576C2

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.



FF98C8



76D589



BCB6FF

Square

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



76D589



00D4FF



F9A4F8



FFAA70

Rectangle

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



76D589



00DADC



F9A4F8



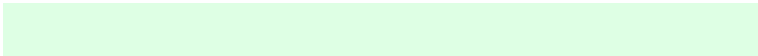
FF99A7

Sweetspot

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



76D589



DEFFE4



C2D576



6B806F



000000



808080

Same Dimension

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



76D589



75FF91



76D5B7



606B63



00AB22



002B09

Inverse Universe

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



D576C2



FF75E3



D57693



6B6069



AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 76D589 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 76D589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

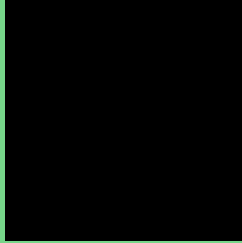
Any Text WCAG AA ✓ Pass

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 76D589 Background



This preview shows how black text looks on a background with the Hex color 76D589.

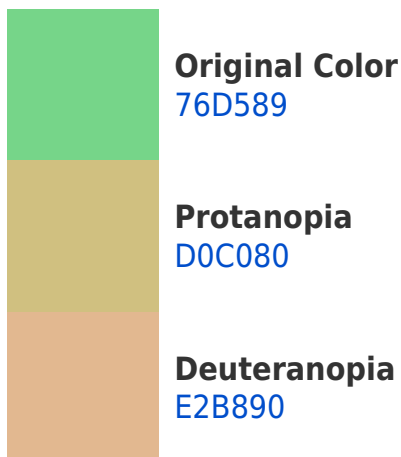


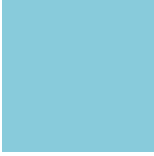
This preview shows how white text looks on a background with the Hex color 76D589.

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](#).

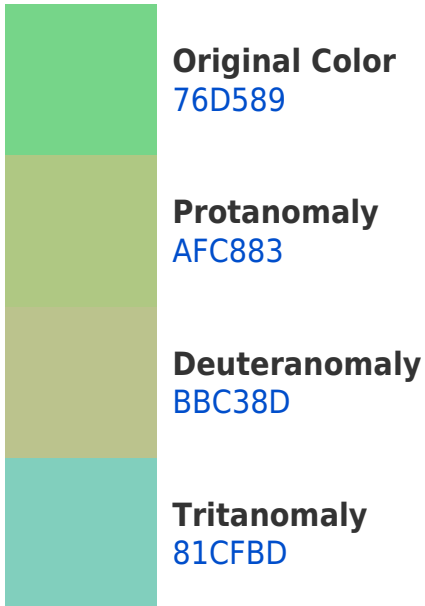
Dichromacy



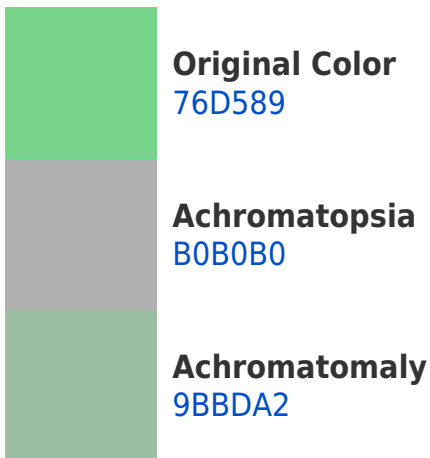


Tritanopia
88CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76D589 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 #76D589 looks like.

```
.text, #text, p{  
    color:#76D589  
}
```

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 #76D589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D589
}
```

Border

The CSS property to change the border of an element to Hex 76D589 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
#76D589 }
```

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

```
.border{ border-color:#76D589 }
```

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

Here you see how a box with a 4 pixel #76D589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D589; -webkit-box-shadow:4px 4px  
4px 4px #76D589; box-shadow:4px 4px 4px  
4px #76D589 }
```

Background

The CSS property to change the background color of an element to Hex 76D589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D589 }
```

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

```
.background{ background-color:#76D589 }
```

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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