

Converting Colors

Hex(7DC566)

Have a look what the booklet for
Hex(7DC566) contains.

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Color

Hex(7DC566)

Conversions

Conversions Part 1

Format	Color
Hex	7DC566
RGB	125, 197, 102
RGB Percent	49%, 77%, 40%
CMY	0.5098, 0.2275, 0.6000
CMYK	0.37, 0.00, 0.48, 0.23
HSL	105°, 45%, 59%
HSV	105°, 48%, 77%
XYZ	30.8220, 45.2518, 19.6804
YIQ	164.6420, -12.4170, -44.8090

Conversions

Conversions Part 2

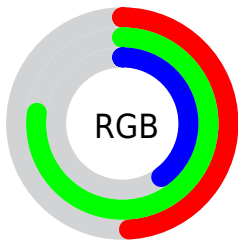
Format	Color
RYB	102, 197, 174
Decimal	8242534
CIELab	73.06, -40.35, 40.47
CIELCh	73, 57.149, 134.920
Yxy	45.2518, 0.3219, 0.4726
Android (android.graphics.Color)	4286432614 (0xFF7DC566)
YUV	164.6420, -30.8825, -34.7660
Hunter-Lab	67.2694, -35.9352, 29.7427

Details

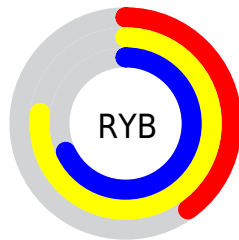
The Hex color **7DC566** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **AE66C5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B5FE9B**, and **478F34** is the 20% darker color. If you saturate the color by 10%, you get **6EC552**, and if you desaturate by 10%, it is **8CC57A**.

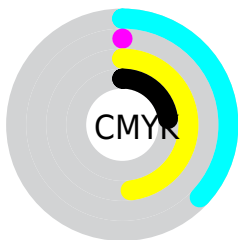
Distribution



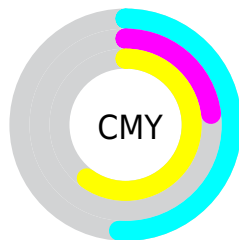
- Red (49%)
- Green (77%)
- Blue (40%)



- Red (40%)
- Yellow (77%)
- Blue (68%)



- Cyan (37%)
- Magenta (0%)
- Yellow (48%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DC566 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 7DC566 by changing the saturation by 10% instead.

 7DC566

 7DC566

FFFFFF

 62A94D

 B5FE9B

 478F34

 D1FFB6

 2A751A

 EEFFD2

 045B00

 FFFFEF

 004300

 002D00

 001300

 000000

 7DC566

 7DC566

 6EC552

 8CC57A

 5FC53F

 9BC58D

 50C52B

 AAC5A1

 41C517

 B9C5B5

 32C504

 C8C5C9

 30C500

 D7C5DC

 E6C5F0

 F4C5FF

 FFC5FF

Harmonies

Analogous

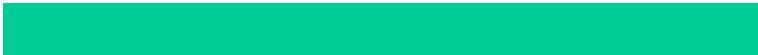
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8B949



7DC566



00CC96

Triad

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



7DC566



00C0FF



FF869B

Complementary

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



7DC566



AE66C5

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.



FF8AD0



7DC566



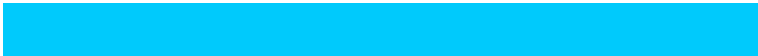
88B0FF

Square

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



7DC566



00CAFC



D89BFE



FF946C

Rectangle

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



7DC566



00CEBB



D89BFE



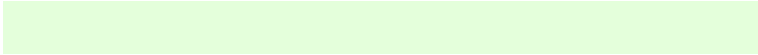
FF85AD

Sweetspot

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



7DC566



E4FFDB



C5AD66



6F806A



000000



808080

Same Dimension

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



7DC566



8FFF6B



66C57E



5C635A



28A300



092400

Inverse Universe

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



AE66C5



DB6BFF



C566AD



615A63



7C00A3



1B0024

Previews

White Background



This preview shows how the Hex color 7DC566 looks on a white background.

Color Contrast Check

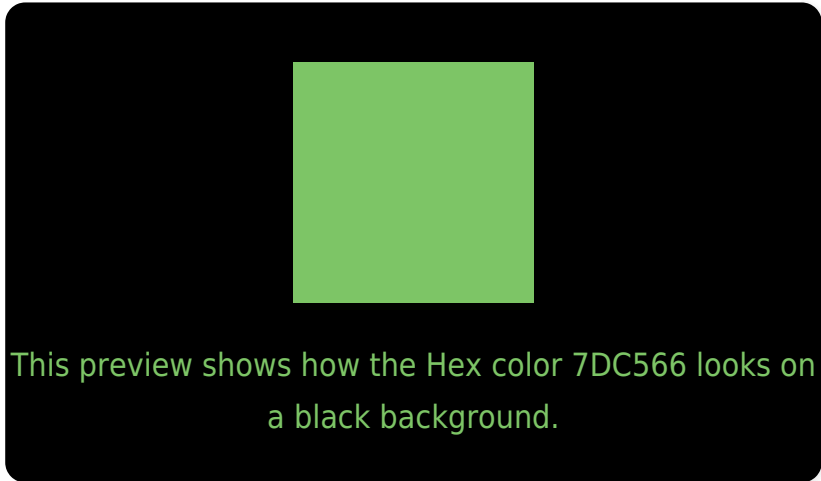
Large Text (above 18pt) WCAG AA × Fail

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 7DC566 Background



This preview shows how black text looks on a background with the Hex color 7DC566.

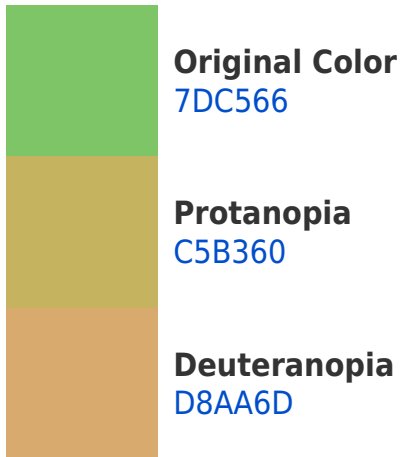


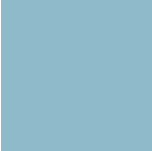
This preview shows how white text looks on a background with the Hex color 7DC566.

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
8EBAC9

Trichromacy



Original Color
7DC566



Protanomaly
ABBA62



Deuteranomaly
B7B46A



Tritanomaly
88BEA5

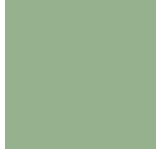
Monochromacy



Original Color
7DC566



Achromatopsia
A5A5A5



Achromatomaly
96B18E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DC566 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 #7DC566 looks like.

```
.text, #text, p{  
    color:#7DC566  
}
```

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 #7DC566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC566
}
```

Border

The CSS property to change the border of an element to Hex 7DC566 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
#7DC566 }
```

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

```
.border{ border-color:#7DC566 }
```

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

Here you see how a box with a 4 pixel #7DC566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC566; -webkit-box-shadow:4px 4px  
4px 4px #7DC566; box-shadow:4px 4px 4px  
4px #7DC566 }
```

Background

The CSS property to change the background color of an element to Hex 7DC566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC566 }
```

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

```
.background{ background-color:#7DC566 }
```

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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