

Converting Colors

Hex(75D179)

Have a look what the booklet for
Hex(75D179) contains.

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Color

Hex(75D179)

Conversions

Conversions Part 1

Format	Color
Hex	75D179
RGB	117, 209, 121
RGB Percent	46%, 82%, 47%
CMY	0.5412, 0.1804, 0.5255
CMYK	0.44, 0.00, 0.42, 0.18
HSL	123°, 50%, 64%
HSV	123°, 44%, 82%
XYZ	33.5878, 50.7633, 26.1172
YIQ	171.4600, -26.5840, -46.8720

Conversions

Conversions Part 2

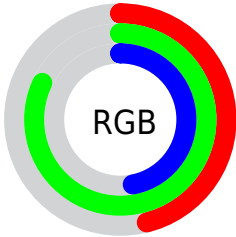
Format	Color
RYB	117, 205, 209
Decimal	7721337
CIELab	76.54, -45.36, 35.28
CIElCh	77, 57.466, 142.129
Yxy	50.7633, 0.3040, 0.4595
Android (android.graphics.Color)	4285911417 (0xFF75D179)
YUV	171.4600, -24.8768, -47.7614
Hunter-Lab	71.2484, -40.5365, 28.1402

Details

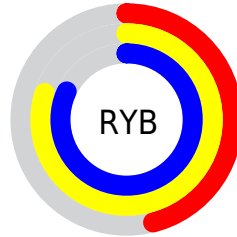
The Hex color **75D179** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D175CD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ADFFAE**, and **3C9A47** is the 20% darker color. If you saturate the color by 10%, you get **60D165**, and if you desaturate by 10%, it is **8AD18D**.

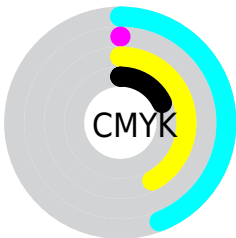
Distribution



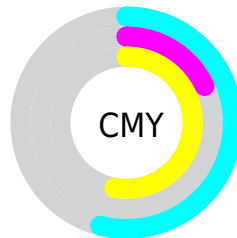
- Red (46%)
- Green (82%)
- Blue (47%)



- Red (46%)
- Yellow (80%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (42%)
- Black (18%)



- Cyan (54%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D179 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 75D179 by changing the saturation by 10% instead.

 75D179

 75D179

FFFFFF

 59B55F

 ADFFAE

 3C9A47

 CAFFCA

 1B7F2E

 E7FFE7

 006516

 004D00

 003500

 001F00

 000000

 75D179

 75D179

 60D165

 8AD18D

 4BD151

 9FD1A1

 36D13D

 B4D1B5

 21D129

 C9D1C9

 0DD115

 DDD1DD

 00D109

 F2D1F1

 FFD1FF

Harmonies

Analogous

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



B5C656



75D179



00D7AD

Triad

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



75D179



0DC7FF



FF9298

Complementary

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



75D179



D175CD

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.



FF91CD



75D179



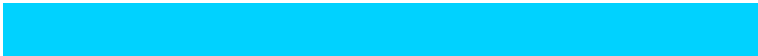
A9B4FF

Square

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



75D179



00D2FF



F19FFF



FFA16A

Rectangle

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



75D179



00D8D1



F19FFF



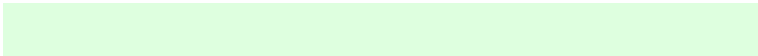
FF8FA9

Sweetspot

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



75D179



DEFFDF



CED175



6B806C



000000



808080

Same Dimension

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



75D179



78FF7E



75D1A6



5E695F



00A807



002902

Inverse Universe

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



D175CD



FF78F9



D175A0



695E68



A800A1



290027

Previews

White Background



This preview shows how the Hex color 75D179 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 75D179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

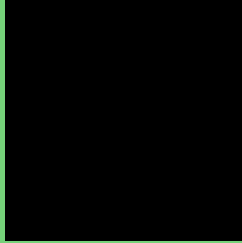
Any Text WCAG AA ✓ Pass

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 75D179 Background



This preview shows how black text looks on a background with the Hex color 75D179.

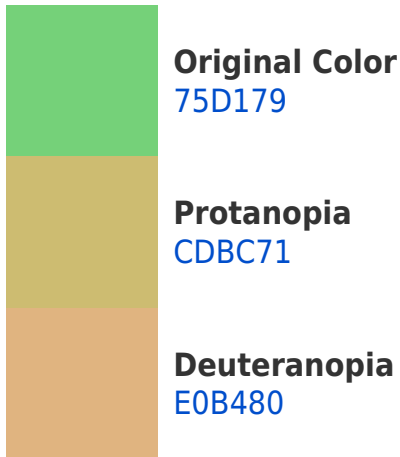


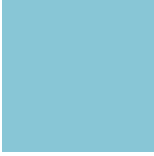
This preview shows how white text looks on a background with the Hex color 75D179.

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
88C6D6

Trichromacy



Original Color
75D179



Protanomaly
ADC474



Deuteranomaly
B9BF7D



Tritanomaly
81CAB4

Monochromacy



Original Color
75D179



Achromatopsia
ABABAB



Achromatomaly
97B999

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D179 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 #75D179 looks like.

```
.text, #text, p{  
    color:#75D179  
}
```

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 #75D179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D179
}
```

Border

The CSS property to change the border of an element to Hex 75D179 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
#75D179 }
```

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

```
.border{ border-color:#75D179 }
```

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

Here you see how a box with a 4 pixel #75D179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D179; -webkit-box-shadow:4px 4px  
4px 4px #75D179; box-shadow:4px 4px 4px  
4px #75D179 }
```

Background

The CSS property to change the background color of an element to Hex 75D179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D179 }
```

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

```
.background{ background-color:#75D179 }
```

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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