

Converting Colors

Hex(79D675)

Have a look what the booklet for
Hex(79D675) contains.

Hex(79D675)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(79D675)

Conversions

Conversions Part 1

Format	Color
Hex	79D675
RGB	121, 214, 117
RGB Percent	47%, 84%, 46%
CMY	0.5255, 0.1608, 0.5412
CMYK	0.43, 0.00, 0.45, 0.16
HSL	118°, 54%, 65%
HSV	118°, 45%, 84%
XYZ	35.1426, 53.4424, 25.2928
YIQ	175.1350, -24.2910, -49.8830

Conversions

Conversions Part 2

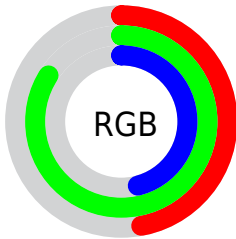
Format	Color
RYB	117, 214, 210
Decimal	7984757
CIELab	78.14, -46.89, 39.36
CIELCh	78, 61.217, 139.990
Yxy	53.4424, 0.3086, 0.4693
Android (android.graphics.Color)	4286174837 (0xFF79D675)
YUV	175.1350, -28.6606, -47.4764
Hunter-Lab	73.1043, -42.1243, 30.6597

Details

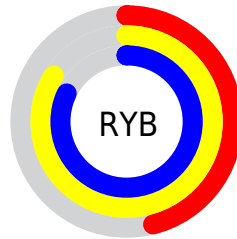
The Hex color **79D675** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D275D6**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B2FFAA**, and **409E42** is the 20% darker color. If you saturate the color by 10%, you get **64D660**, and if you desaturate by 10%, it is **8ED68A**.

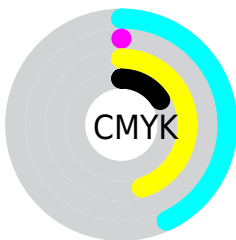
Distribution



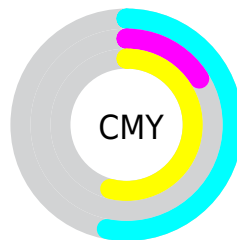
- Red (47%)
- Green (84%)
- Blue (46%)



- Red (46%)
- Yellow (84%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (45%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79D675 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 79D675 by changing the saturation by 10% instead.

 79D675

 79D675

FFFFFF

 5DBA5B

 B2FFAA

 409E42

 CFFFC6

 1F8429

 ECFFE3

 006A0F

 005100

 003900

 002300

 000000

 79D675

 79D675

 64D660

 8ED68A

 50D64A

 A2D6A0

 3BD635

 B7D6B5

 27D61F

 CBD6CB

 12D60A

 E0D6E0

 09D600

 F4D6F5

 FFD6FF

Harmonies

Analogous

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



BCCA50



79D675



00DCAC

Triad

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



79D675



00CDFE



FF929E

Complementary

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



79D675



D275D6

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.



FF92D7



79D675



A4BAFF

Square

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



79D675



00D9FF



F4A3FF



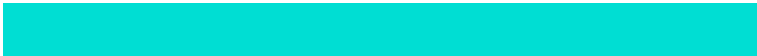
FFA26C

Rectangle

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



79D675



00DED3



F4A3FF



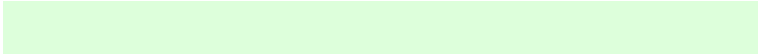
FF8FB0

Sweetspot

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



79D675



DFFDB



D6D175



6B806A



000000



808080

Same Dimension

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



79D675



7BFF75



75D6A1



616B60



07AB00



022B00

Inverse Universe

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



D275D6



F975FF



D675AA



6B606B



A400AB



2A002B

Previews

White Background



This preview shows how the Hex color 79D675 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 79D675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

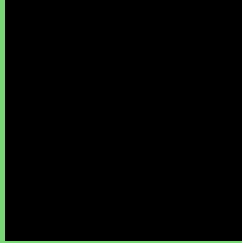
Any Text WCAG AA ✓ Pass

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 79D675 Background



This preview shows how black text looks on a background with the Hex color 79D675.

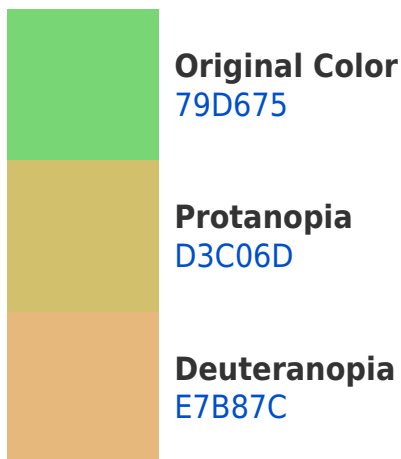


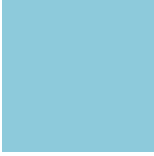
This preview shows how white text looks on a background with the Hex color 79D675.

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
8DCADB

Trichromacy



Original Color
79D675



Protanomaly
B2C870



Deuteranomaly
BFC379



Tritanomaly
86CEB6

Monochromacy



Original Color
79D675



Achromatopsia
AFAFAF



Achromatomaly
9BBD9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 79D675 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 #79D675 looks like.

```
.text, #text, p{  
    color:#79D675  
}
```

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 #79D675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79D675
}
```

Border

The CSS property to change the border of an element to Hex 79D675 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
#79D675 }
```

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

```
.border{ border-color:#79D675 }
```

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

Here you see how a box with a 4 pixel #79D675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79D675; -webkit-box-shadow:4px 4px  
4px 4px #79D675; box-shadow:4px 4px 4px  
4px #79D675 }
```

Background

The CSS property to change the background color of an element to Hex 79D675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79D675 }
```

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

```
.background{ background-color:#79D675 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor