

Converting Colors

Hex(79C563)

Have a look what the booklet for
Hex(79C563) contains.

Hex(79C563)	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(79C563)

Conversions

Conversions Part 1

Format	Color
Hex	79C563
RGB	121, 197, 99
RGB Percent	47%, 77%, 39%
CMY	0.5255, 0.2275, 0.6118
CMYK	0.39, 0.00, 0.50, 0.23
HSL	107°, 46%, 58%
HSV	107°, 50%, 77%
XYZ	30.1035, 44.8983, 18.8840
YIQ	163.1040, -13.8380, -46.5900

Conversions

Conversions Part 2

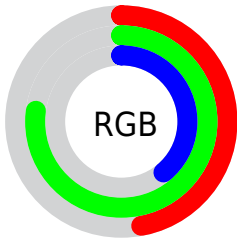
Format	Color
RYB	99, 197, 175
Decimal	7980387
CIELab	72.82, -42.04, 41.61
CIELCh	73, 59.153, 135.295
Yxy	44.8983, 0.3206, 0.4782
Android (android.graphics.Color)	4286170467 (0xFF79C563)
YUV	163.1040, -31.6033, -36.9252
Hunter-Lab	67.0062, -37.0670, 30.1950

Details

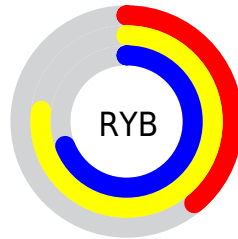
The Hex color **79C563** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AF63C5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B1FE98**, and **428F31** is the 20% darker color. If you saturate the color by 10%, you get **6AC54F**, and if you desaturate by 10%, it is **88C577**.

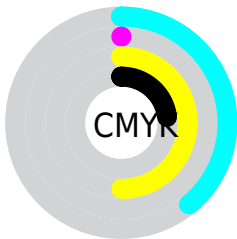
Distribution



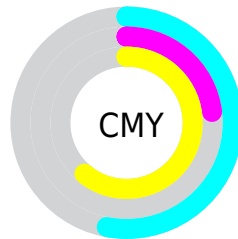
- Red (47%)
- Green (77%)
- Blue (39%)



- Red (39%)
- Yellow (77%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (50%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79C563 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 79C563 by changing the saturation by 10% instead.

 79C563

 79C563

FFFFFF

 5EA94A

 B1FE98

 428F31

 CDFFB3

 257416

 EAFFCF

 005B00

 FFFFEC

 004300

 002C00

 001200

 000000

 79C563

 79C563

 6AC54F

 88C577

 5AC53C

 98C58A

 4BC528

 A7C59E

 3CC514

 B6C5B2

 2DC500

 C5C5C6

 2CC500

 D5C5D9

 E4C5ED

 F3C5FF

 FFC5FF

Harmonies

Analogous

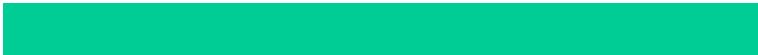
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B6B944



79C563



00CC95

Triad

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



79C563



00C0FF



FF8499

Complementary

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



79C563



AF63C5

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.



FF87D0



79C563



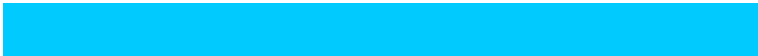
86AFFF

Square

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



79C563



00CAFE



DA99FF



FF9268

Rectangle

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



79C563



00CEBB



DA99FF



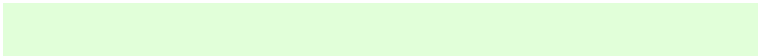
FF83AB

Sweetspot

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



79C563



E1FFD9



C5AE63



6E8069



000000



808080

Same Dimension

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



79C563



88FF66



63C57D



5C635A



25A300



082400

Inverse Universe

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



AF63C5



DD66FF



C563AB



615A63



7F00A3



1C0024

Previews

White Background



This preview shows how the Hex color 79C563 looks on a white background.

Color Contrast Check

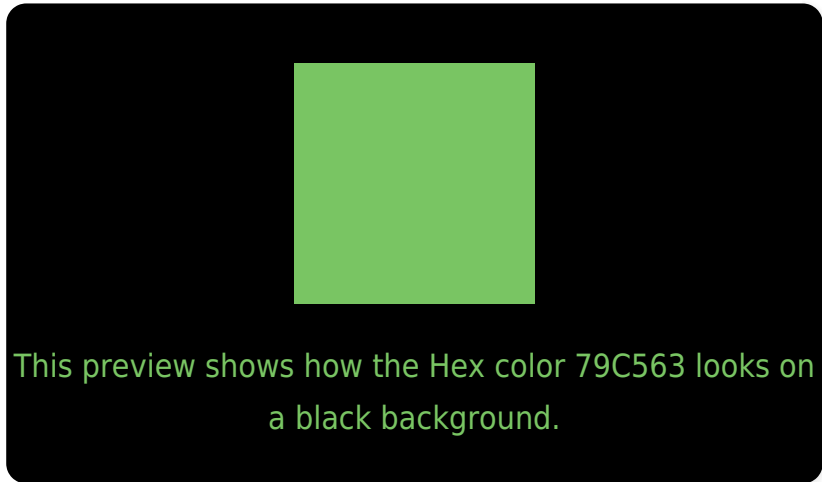
Large Text (above 18pt) WCAG AA × Fail

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

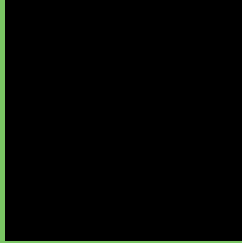
Any Text WCAG AA ✓ Pass

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 79C563 Background



This preview shows how black text looks on a background with the Hex color 79C563.

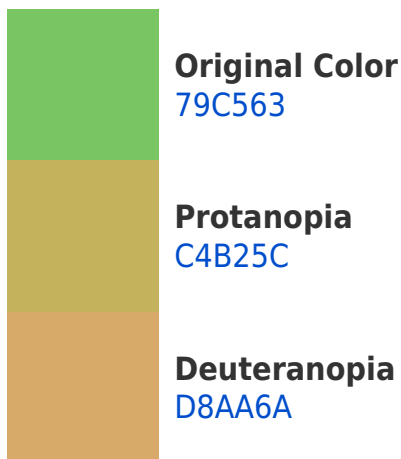


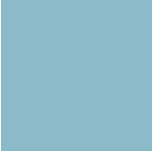
This preview shows how white text looks on a background with the Hex color 79C563.

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
8BBAC9

Trichromacy



Original Color
79C563



Protanomaly
A9B95F



Deuteranomaly
B5B467



Tritanomaly
84BEA4

Monochromacy



Original Color
79C563



Achromatopsia
A3A3A3



Achromatomaly
94AF8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 79C563 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 #79C563 looks like.

```
.text, #text, p{  
    color:#79C563  
}
```

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 #79C563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79C563
}
```

Border

The CSS property to change the border of an element to Hex 79C563 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
#79C563 }
```

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

```
.border{ border-color:#79C563 }
```

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

Here you see how a box with a 4 pixel #79C563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79C563; -webkit-box-shadow:4px 4px  
4px 4px #79C563; box-shadow:4px 4px 4px  
4px #79C563 }
```

Background

The CSS property to change the background color of an element to Hex 79C563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79C563 }
```

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

```
.background{ background-color:#79C563 }
```

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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