

Converting Colors

Hex(8CC550)

Have a look what the booklet for
Hex(8CC550) contains.

Hex(8CC550)	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(8CC550)

Conversions

Conversions Part 1

Format	Color
Hex	8CC550
RGB	140, 197, 80
RGB Percent	55%, 77%, 31%
CMY	0.4510, 0.2275, 0.6863
CMYK	0.29, 0.00, 0.59, 0.23
HSL	89°, 50%, 54%
HSV	89°, 59%, 77%
XYZ	32.2294, 46.0871, 14.7865
YIQ	166.6190, 3.5850, -48.4710

Conversions

Conversions Part 2

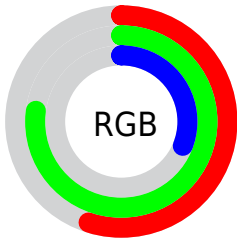
Format	Color
RYB	80, 197, 137
Decimal	9225552
CIELab	73.60, -37.55, 51.69
CIELCh	74, 63.886, 126.000
Yxy	46.0871, 0.3462, 0.4950
Android (android.graphics.Color)	4287415632 (0xFF8CC550)
YUV	166.6190, -42.7032, -23.3449
Hunter-Lab	67.8875, -34.0607, 34.6074

Details

The Hex color **8CC550** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8950C5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C4FE85**, and **558F19** is the 20% darker color. If you saturate the color by 10%, you get **82C53C**, and if you desaturate by 10%, it is **96C564**.

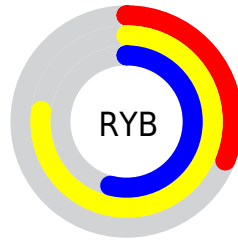
Distribution



Red (55%)

Green (77%)

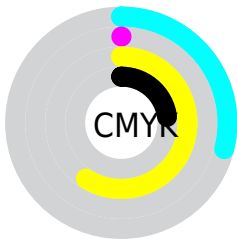
Blue (31%)



Red (31%)

Yellow (77%)

Blue (54%)

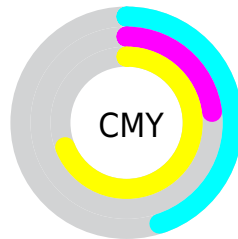


Cyan (29%)

Magenta (0%)

Yellow (59%)

Black (23%)



Cyan (45%)

Magenta (23%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CC550 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 8CC550 by changing the saturation by 10% instead.

 8CC550

 8CC550

FFFFFF

 71AA36

 C4FE85

 558F19

 E1FFA0

 3A7500

 FFFFBC

 1D5C00

 FFFFD9

 004400

 FFFFF6

 002D00

 001500

 000000

 8CC550

 8CC550

 82C53C

 96C564

 79C529

 9FC577

 6FC515

 A9C58B

 66C501

 B2C59F

 65C500

 BCC5B3

 C6C5C6

 CFC5DA

 D9C5EE

 E2C5FF

Harmonies

Analogous

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



CAB636



8CC550



22CE83

Triad

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



8CC550



00C8FF



FF7FAB

Complementary

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



8CC550



8950C5

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.



FF89E6



8CC550



51B7FF

Square

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



8CC550



00D0F8



C7A0FF



FF8A73

Rectangle

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



8CC550



00D1AB



C7A0FF



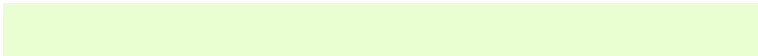
FF80BF

Sweetspot

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



8CC550



E9FFD1



C58950



728063



000000



808080

Same Dimension

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



8CC550



A7FF4A



52C550



5F635A



54A300



122400

Inverse Universe

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



8950C5



A24AFF



C350C5



5E5A63



5000A3



110024

Previews

White Background



This preview shows how the Hex color 8CC550 looks on a white background.

Color Contrast Check

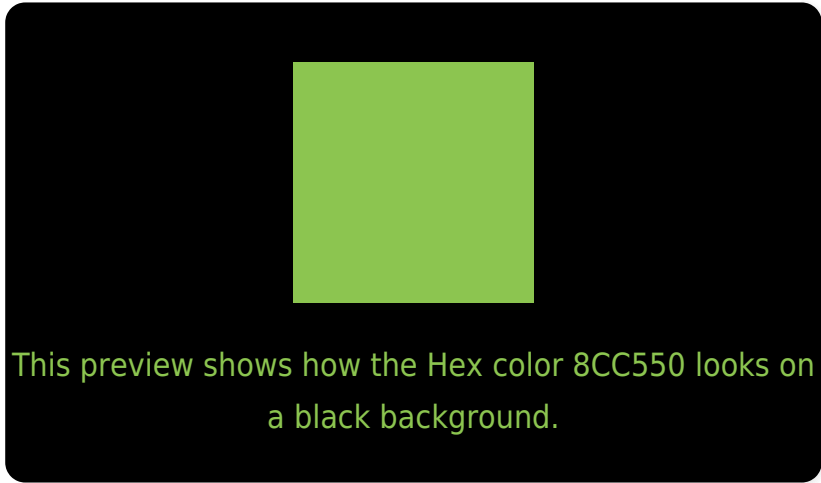
Large Text (above 18pt) WCAG AA × Fail

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 8CC550 Background



This preview shows how black text looks on a background with the Hex color 8CC550.

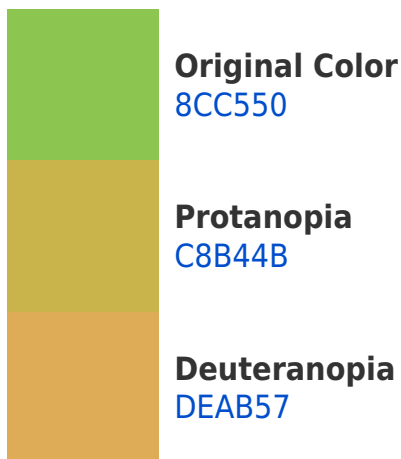


This preview shows how white text looks on a background with the Hex color 8CC550.

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
9DB9C8

Trichromacy



Original Color
8CC550



Protanomaly
B2BA4D



Deuteranomaly
C0B454



Tritanomaly
97BD9C

Monochromacy



Original Color
8CC550



Achromatopsia
A7A7A7



Achromatomaly
9DB287

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CC550 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 #8CC550 looks like.

```
.text, #text, p{  
    color:#8CC550  
}
```

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 #8CC550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CC550
}
```

Border

The CSS property to change the border of an element to Hex 8CC550 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
#8CC550 }
```

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

```
.border{ border-color:#8CC550 }
```

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

Here you see how a box with a 4 pixel #8CC550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CC550; -webkit-box-shadow:4px 4px  
4px 4px #8CC550; box-shadow:4px 4px 4px  
4px #8CC550 }
```

Background

The CSS property to change the background color of an element to Hex 8CC550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CC550 }
```

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

```
.background{ background-color:#8CC550 }
```

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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