

Converting Colors

Hex(84C625)

Have a look what the booklet for
Hex(84C625) contains.

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Color

Hex(84C625)

Conversions

Conversions Part 1

Format	Color
Hex	84C625
RGB	132, 198, 37
RGB Percent	52%, 78%, 15%
CMY	0.4824, 0.2235, 0.8549
CMYK	0.33, 0.00, 0.81, 0.22
HSL	85°, 69%, 46%
HSV	85°, 81%, 78%
XYZ	30.0437, 45.4273, 8.9351
YIQ	159.9120, 12.3450, -64.0630

Conversions

Conversions Part 2

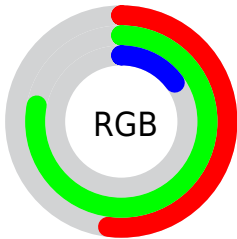
Format	Color
RYB	37, 198, 103
Decimal	8701477
CIELab	73.17, -43.77, 66.83
CIELCh	73, 79.889, 123.219
Yxy	45.4273, 0.3559, 0.5382
Android (android.graphics.Color)	4286891557 (0xFF84C625)
YUV	159.9120, -60.5956, -24.4788
Hunter-Lab	67.3998, -38.3824, 39.3198

Details

The Hex color **84C625** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **6725C6**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BEFF61**, and **4B9000** is the 20% darker color. If you saturate the color by 10%, you get **7CC611**, and if you desaturate by 10%, it is **8CC639**.

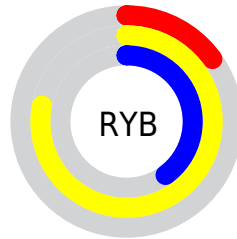
Distribution



Red (52%)

Green (78%)

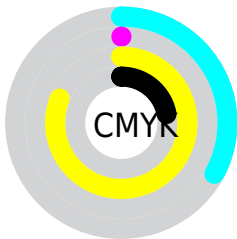
Blue (15%)



Red (15%)

Yellow (78%)

Blue (40%)

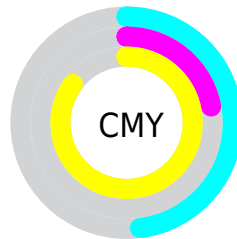


Cyan (33%)

Magenta (0%)

Yellow (81%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C625 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 84C625 by changing the saturation by 10% instead.

 84C625

 84C625

FFFFFF

 68AA00

 BEFF61

 4B9000

 DBFF7D

 2D7600

 F9FF99

 005C00

 FFFFB6

 004400

 FFFFD3

 002D00

 FFFFF0

 001300

 000000

 84C625

 84C625

 7CC611

 8CC639

 75C600

 94C64D

 9CC660

 A4C674

 ADC688

 B5C69C

 BDC6B0

 C5C6C3

 CDC6D7

Harmonies

Analogous

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



CFB300



84C625



00D16E

Triad

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



84C625



00CCFF



FF67AF

Complementary

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



84C625



6725C6

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.



FF7AF7



84C625



00BAFF

Square

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



84C625



00D4FF



BD9CFF



FF7768

Rectangle

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



84C625



00D4A0



BD9CFF



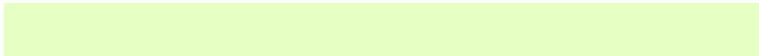
FF69C8

Sweetspot

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



84C625



E6FFC2



C66525



70805B



000000



808080

Same Dimension

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



84C625



99FF05



35C625



5F635A



60A300



152400

Inverse Universe

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



6725C6



6C05FF



B625C6



5E5A63



4300A3



0F0024

Previews

White Background



This preview shows how the Hex color 84C625 looks on a white background.

Color Contrast Check

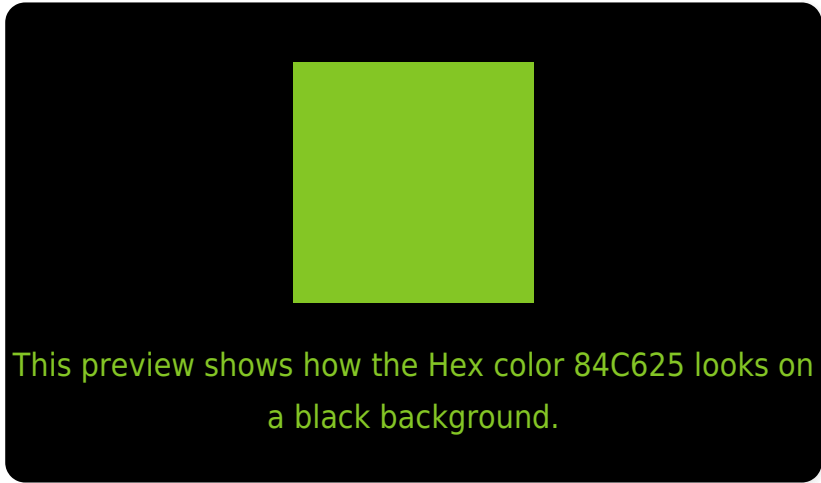
Large Text (above 18pt) WCAG AA × Fail

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 84C625 Background



This preview shows how black text looks on a background with the Hex color 84C625.

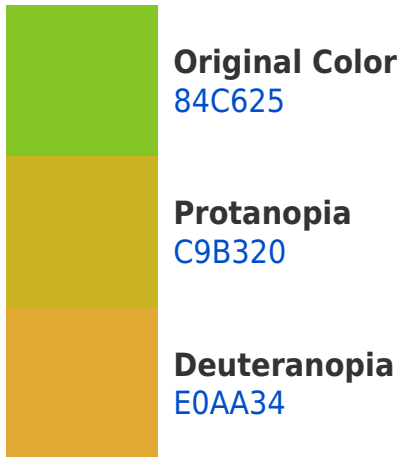


This preview shows how white text looks on a background with the Hex color 84C625.

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
98B8C7

Trichromacy



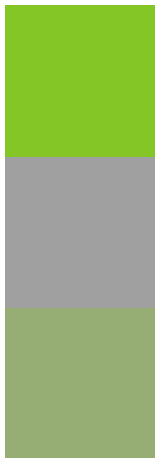
Original Color
84C625

Protanomaly
B0BA22

Deuteranomaly
BFB42F

Tritanomaly
91BD8C

Monochromacy



Original Color
84C625

Achromatopsia
A0A0A0

Achromatomaly
96AE73

CSS Examples

Text

The CSS property to change the color of the text to Hex 84C625 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 #84C625 looks like.

```
.text, #text, p{  
    color:#84C625  
}
```

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 #84C625 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C625
}
```

Border

The CSS property to change the border of an element to Hex 84C625 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
#84C625 }
```

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

```
.border{ border-color:#84C625 }
```

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

Here you see how a box with a 4 pixel #84C625 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C625; -webkit-box-shadow:4px 4px  
4px 4px #84C625; box-shadow:4px 4px 4px  
4px #84C625 }
```

Background

The CSS property to change the background color of an element to Hex 84C625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C625 }
```

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

```
.background{ background-color:#84C625 }
```

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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