

Converting Colors

Hex(84D45E)

Have a look what the booklet for
Hex(84D45E) contains.

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Color

Hex(84D45E)

Conversions

Conversions Part 1	
Format	Color
Hex	84D45E
RGB	132, 212, 94
RGB Percent	52%, 83%, 37%
CMY	0.4824, 0.1686, 0.6314
CMYK	0.38, 0.00, 0.56, 0.17
HSL	101°, 58%, 60%
HSV	101°, 56%, 83%
XYZ	35.0796, 52.8007, 18.9323
YIQ	174.6280, -9.8020, -53.6580

Conversions

Conversions Part 2

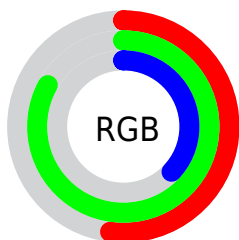
Format	Color
RYB	94, 212, 174
Decimal	8705118
CIELab	77.76, -45.47, 50.02
CIELCh	78, 67.600, 132.273
Yxy	52.8007, 0.3284, 0.4943
Android (android.graphics.Color)	4286895198 (0xFF84D45E)
YUV	174.6280, -39.7496, -37.3848
Hunter-Lab	72.6641, -40.9887, 35.4171

Details

The Hex color **84D45E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **AE5ED4**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BDFF93**, and **4C9D29** is the 20% darker color. If you saturate the color by 10%, you get **76D449**, and if you desaturate by 10%, it is **92D473**.

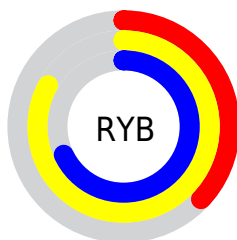
Distribution



Red (52%)

Green (83%)

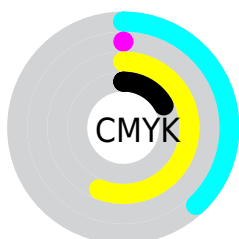
Blue (37%)



Red (37%)

Yellow (83%)

Blue (68%)

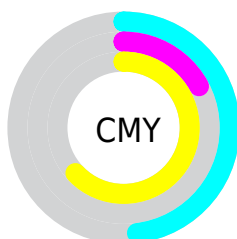


Cyan (38%)

Magenta (0%)

Yellow (56%)

Black (17%)



Cyan (48%)

Magenta (17%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84D45E 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 84D45E by changing the saturation by 10% instead.

 84D45E

 84D45E

FFFFFF

 68B844

 BDFF93

 4C9D29

 DAFFAF

 2E8207

 F7FFCB

 036800

 FFFFE8

 004F00

 003800

 002200

 000000

 84D45E

 84D45E

 76D449

 92D473

 67D434

 A1D488

 59D41E

 AFD49E

 4BD409

 BDD4B3

 44D400

 CCD4C8

 DAD4DD

 E9D4F2

 F7D4FF

 FFD4FF

Harmonies

Analogous

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



CAC53B



84D45E



00DC98

Triad

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



84D45E



00D1FF



FF87A9

Complementary

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



84D45E



AE5ED4

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.



FF8DE8



84D45E



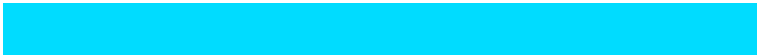
7ABEFF

Square

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



84D45E



00DCFF



E5A5FF



FF976F

Rectangle

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



84D45E



00DFC3



E5A5FF



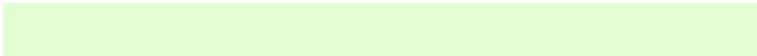
FF86BE

Sweetspot

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



84D45E



E2FFD4



D4AD5E



6E8066



000000



808080

Same Dimension

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



84D45E



8BFF54



5ED472



646B60



37AB00



0E2B00

Inverse Universe

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



AE5ED4



C854FF



D45EC0



68606B



7400AB



1D002B

Previews

White Background



This preview shows how the Hex color 84D45E looks on a white background.

Color Contrast Check

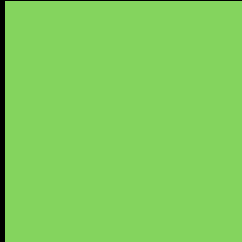
Large Text (above 18pt) WCAG AA × Fail

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 84D45E 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 84D45E Background



This preview shows how black text looks on a background with the Hex color 84D45E.



This preview shows how white text looks on a background with the Hex color 84D45E.

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



Original Color

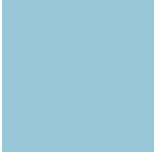
84D45E

Protanopia

D4BF58

Deuteranopia

EAB666



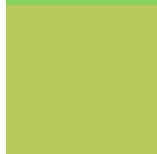
Tritanopia
98C7D7

Trichromacy



Original Color

84D45E



Protanomaly

B7C75A



Deuteranomaly

C5C163



Tritanomaly

91CCAB

Monochromacy



Original Color

84D45E



Achromatopsia

AFAFAF



Achromatomaly

9FBC92

CSS Examples

Text

The CSS property to change the color of the text to Hex 84D45E 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 #84D45E looks like.

```
.text, #text, p{  
    color:#84D45E  
}
```

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 #84D45E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D45E
}
```

Border

The CSS property to change the border of an element to Hex 84D45E 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
#84D45E }
```

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

```
.border{ border-color:#84D45E }
```

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

Here you see how a box with a 4 pixel #84D45E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D45E; -webkit-box-shadow:4px 4px  
4px 4px #84D45E; box-shadow:4px 4px 4px  
4px #84D45E }
```

Background

The CSS property to change the background color of an element to Hex 84D45E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D45E }
```

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

```
.background{ background-color:#84D45E }
```

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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awesome pro features!

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