

Converting Colors

Hex(DAEB55)

Have a look what the booklet for
Hex(DAEB55) contains.

Hex(DAEB55)	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(DAEB55)

Conversions

Conversions Part 1	
Format	Color
Hex	DAEB55
RGB	218, 235, 85
RGB Percent	85%, 92%, 33%
CMY	0.1451, 0.0784, 0.6667
CMYK	0.07, 0.00, 0.64, 0.08
HSL	67°, 79%, 63%
HSV	67°, 64%, 92%
XYZ	60.2615, 74.9780, 19.8904
YIQ	212.8170, 38.0180, -50.2540

Conversions

Conversions Part 2

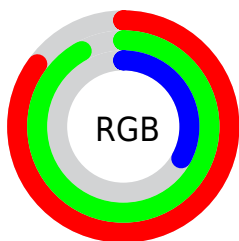
Format	Color
RYB	85, 235, 102
Decimal	14347093
CIELab	89.38, -24.70, 68.21
CIELCh	89, 72.546, 109.902
Yxy	74.9780, 0.3885, 0.4833
Android (android.graphics.Color)	4292537173 (0xFFDAEB55)
YUV	212.8170, -63.0138, 4.5455
Hunter-Lab	86.5898, -27.3066, 46.9935

Details

The Hex color **DAEB55** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **6655EB**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF8D**, and **A0B313** is the 20% darker color. If you saturate the color by 10%, you get **D7EB3D**, and if you desaturate by 10%, it is **DDEB6D**.

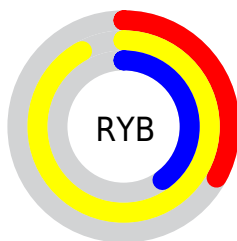
Distribution



Red (85%)

Green (92%)

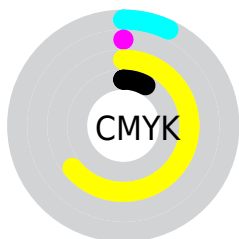
Blue (33%)



Red (33%)

Yellow (92%)

Blue (40%)

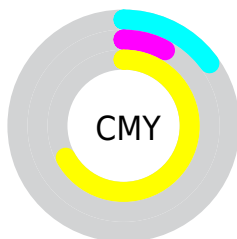


Cyan (7%)

Magenta (0%)

Yellow (64%)

Black (8%)



Cyan (15%)

Magenta (8%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAEB55 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 DAEB55 by changing the saturation by 10% instead.

 DAEB55

FFFFFF

 FFFF8D

 FFFFA9

 FFFFC6

 FFFFE3

 DAEB55

 BDCF38

 A0B313

 849900

 687F00

 4D6600

 314E00

 163700

 002200

 000000

 DAEB55

 DAEB55

 D7EB3D

 DDEB6D

 D5EB26

 DFEB84

 D2EB0E

 E2EB9B

 D0EB00

 E5EBB3

 E7EBCB

 EAEBE2

 EDEBFA

 EFEBFF

 F2EBFF

Harmonies

Analogous

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



FFD551



DAEB55



87FA83

Triad

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



DAEB55



00FDFF



FFA5FB

Complementary

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



DAEB55



6655EB

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.



FFBBFF



DAEB55



00EFFF

Square

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



DAEB55



00FFFF



BBD8FF



FFA5B5

Rectangle

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



DAEB55



0EFFAE



BBD8FF



FFABFF

Sweetspot

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



DAEB55



FAFFCF



EB6455



7C8062



000000



808080

Same Dimension

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



DAEB55



E9FF3B



91EB55



74756A



A1B500



2F3600

Inverse Universe

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



6655EB



513BFF



AF55EB



6B6A75



1500B5



060036

Previews

White Background



This preview shows how the Hex color DAEB55 looks on a white background.

Color Contrast Check

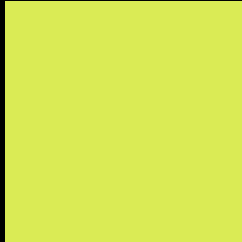
Large Text (above 18pt) WCAG AA × Fail

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 DAEB55 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

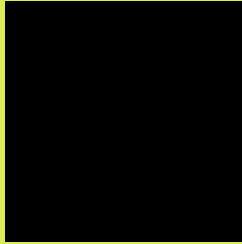
Any Text WCAG AA ✓ Pass

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 DAEB55 Background



This preview shows how black text looks on a background with the Hex color DAEB55.



This preview shows how white text looks on a background with the Hex color DAEB55.

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](#).

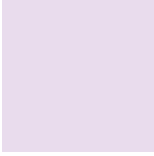
Dichromacy



Original Color
DAEB55





Protanopia
FAE152

Deuteranopia
FFDAAA



Tritanopia
E9DCED

Trichromacy

	Original Color DAEB55
	Protanomaly EEE553
	Deuteranomaly F2E08B
	Tritanomaly E4E1B6

Monochromacy

	Original Color DAEB55
	Achromatopsia D5D5D5
	Achromatomaly D7DDA6

CSS Examples

Text

The CSS property to change the color of the text to Hex DAEB55 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 #DAEB55 looks like.

```
.text, #text, p{  
    color:#DAEB55  
}
```

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 #DAEB55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAEB55
}
```

Border

The CSS property to change the border of an element to Hex DAEB55 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
#DAEB55 }
```

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

```
.border{ border-color:#DAEB55 }
```

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

Here you see how a box with a 4 pixel #DAEB55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAEB55; -webkit-box-shadow:4px 4px  
4px 4px #DAEB55; box-shadow:4px 4px 4px  
4px #DAEB55 }
```

Background

The CSS property to change the background color of an element to Hex DAEB55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAEB55 }
```

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

```
.background{ background-color:#DAEB55 }
```

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