

# Converting Colors

Hex(DAEF55)

Have a look what the booklet for  
Hex(DAEF55) contains.

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# Color

Hex(DAEF55)

# Conversions

## Conversions Part 1

Format	Color
Hex	DAEF55
RGB	218, 239, 85
RGB Percent	85%, 94%, 33%
CMY	0.1451, 0.0627, 0.6667
CMYK	0.09, 0.00, 0.64, 0.06
HSL	68°, 83%, 64%
HSV	68°, 64%, 94%
XYZ	61.4196, 77.2943, 20.2765
YIQ	215.1650, 36.9180, -52.3460

# Conversions

## Conversions Part 2

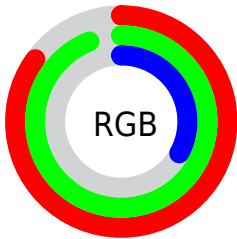
Format	Color
<b>RYB</b>	85, 239, 106
Decimal	14348117
CIELab	90.46, -26.59, 69.34
CIELCh	90, 74.260, 110.983
Yxy	77.2943, 0.3863, 0.4862
Android (android.graphics.Color)	4292538197 (0xFFDAEF55)
YUV	215.1650, -64.1713, 2.4863
Hunter-Lab	87.9172, -29.1536, 47.8679

# Details

The Hex color **DAEF55** 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 **6A55EF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF8D**, and **A0B712** is the 20% darker color. If you saturate the color by 10%, you get **D7EF3D**, and if you desaturate by 10%, it is **DDEF6D**.

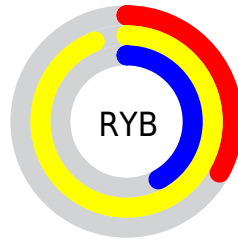
# Distribution



Red (85%)

Green (94%)

Blue (33%)



Red (33%)

Yellow (94%)

Blue (42%)

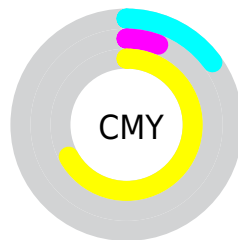


Cyan (9%)

Magenta (0%)

Yellow (64%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAEF55 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 DAEF55 by changing the saturation by 10% instead.



 DAEF55

 DAEF55

FFFFFF

 BDD337

 FFFF8D

 A0B712

 FFFF8D


 839C00

 FFFFC6

 688200

 FFFFEE4

 4D6900

 315100

 143A00

 002400

 000300

 DAEF55

 DAEF55

 D7EF3D

 DDEF6D

 D3EF25

 E1EF85

 D0EF0D

 E4EF9D

 CEEF00

 E7EFB5

 EAEFCC

 EEEFE4

 F1EFFC

 F4EFFF

 F7EFFF

# Harmonies

## Analogous

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



FFD84F



DAEF55



84FE86

# Triad

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



DAEF55



00FFFF



FFA6FC

# Complementary

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



DAEF55



6A55EF

# 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.



FFBCFF



DAEF55



00F2FF

# Square

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



DAEF55



00FFFF



C1DAFF



FFA7B5

# Rectangle

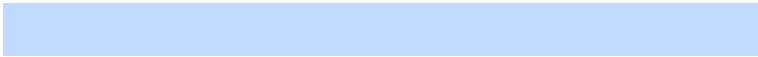
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DAEF55



00FFB3



C1DAFF



FFABFF



# Sweetspot

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



DAEF55



F8FFCF



EF6A55



7C8062



000000



808080



# Same Dimension

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



DAEF55



E4FF3B



8DEF55



76786C



9FB800



303800



# Inverse Universe

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



6A55EF



553BFF



B755EF



6D6C78



1900B8

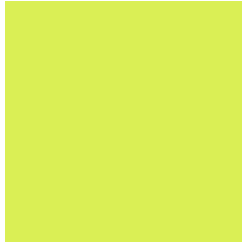


080038



# Previews

## White Background



This preview shows how the Hex color DAEF55 looks on a white background.

## Color Contrast Check

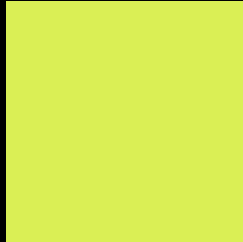
Large Text (above 18pt) WCAG AA × Fail

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 DAEF55 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 DAEF55 Background



This preview shows how black text looks on a background with the Hex color DAEF55.

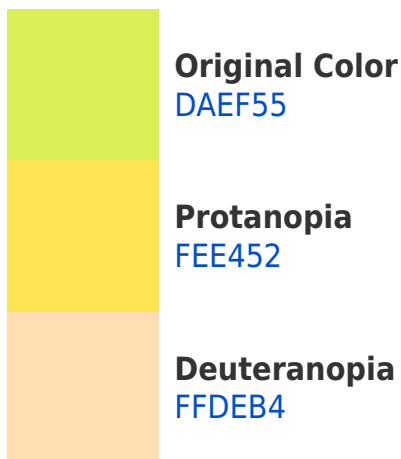


This preview shows how white text looks on a background with the Hex color DAEF55.

# Color Blindness Simulation

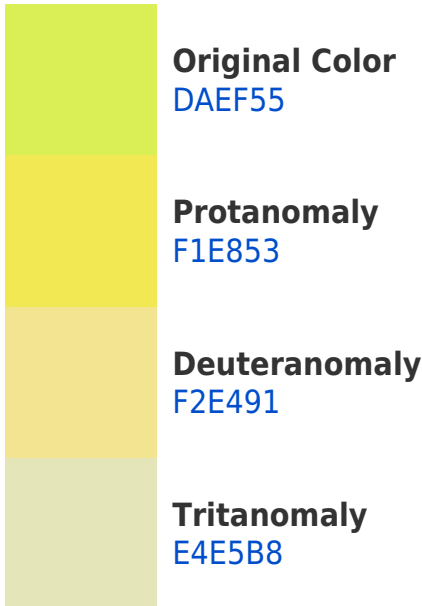
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

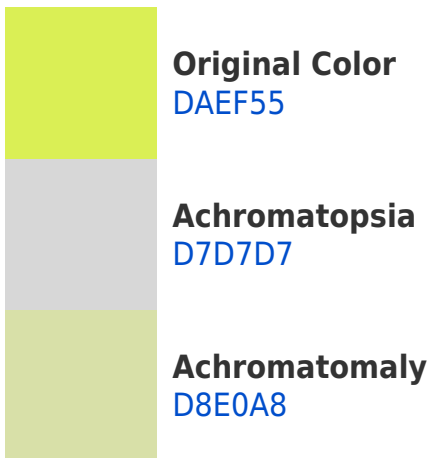




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAEF55 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 #DAEF55 looks like.

```
.text, #text, p{  
    color:#DAEF55  
}
```

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 #DAEF55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAEF55
}
```

## Border

The CSS property to change the border of an element to Hex DAEF55 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
#DAEF55 }
```

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

```
.border{ border-color:#DAEF55 }
```

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

Here you see how a box with a 4 pixel #DAEF55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAEF55; -webkit-box-shadow:4px 4px  
4px 4px #DAEF55; box-shadow:4px 4px 4px  
4px #DAEF55 }
```

# Background

The CSS property to change the background color of an element to Hex DAEF55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAEF55 }
```

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

```
.background{ background-color:#DAEF55 }
```

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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