

Converting Colors

Hex(DAEF28)

Have a look what the booklet for
Hex(DAEF28) contains.

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Color

Hex(DAEF28)

Conversions

Conversions Part 1

Format	Color
Hex	DAEF28
RGB	218, 239, 40
RGB Percent	85%, 94%, 16%
CMY	0.1451, 0.0627, 0.8431
CMYK	0.09, 0.00, 0.83, 0.06
HSL	66°, 86%, 55%
HSV	66°, 83%, 94%
XYZ	60.1629, 76.7916, 13.6588
YIQ	210.0350, 51.3630, -66.3410

Conversions

Conversions Part 2

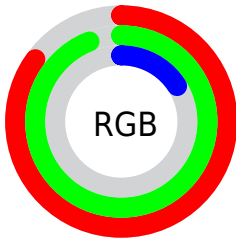
Format	Color
RYP	40, 239, 61
Decimal	14348072
CIELab	90.23, -28.56, 83.03
CIElCh	90, 87.805, 108.984
Yxy	76.7916, 0.3995, 0.5099
Android (android.graphics.Color)	4292538152 (0xFFDAEF28)
YUV	210.0350, -83.8273, 6.9853
Hunter-Lab	87.6308, -30.8048, 52.1002

Details

The Hex color **DAEF28** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3D28EF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF6B**, and **9FB700** is the 20% darker color. If you saturate the color by 10%, you get **D7EF10**, and if you desaturate by 10%, it is **DDEF40**.

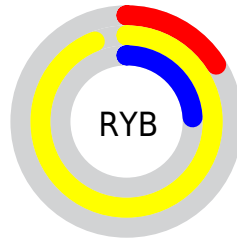
Distribution



Red (85%)

Green (94%)

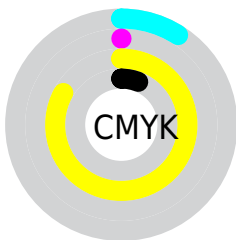
Blue (16%)



Red (16%)

Yellow (94%)

Blue (24%)

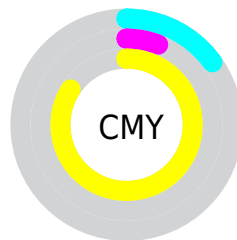


Cyan (9%)

Magenta (0%)

Yellow (83%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAEF28 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 DAEF28 by changing the saturation by 10% instead.

 DAEF28

 DAEF28

FFFFFF

 BCD300

 FFFF6B

 9FB700

 FFFF88

 829C00

 FFFFA6

 658200

 FFFF83

 496900

 FFFFE1

 2C5100

 0E3A00

 002400

 000200

 DAEF28

 DAEF28

 D7EF10

 DDEF40

 D6EF00

 DFEF58

 E2EF70

 E4EF88

 E7EF9F

 E9EFB7

 ECEFCF

 EEEFE7

 F1EFFF

Harmonies

Analogous

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



FFD426



DAEF28



71FF6D

Triad

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



DAEF28



00FFFF



FF95FF

Complementary

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



DAEF28



3D28EF

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.



FFB4FF



DAEF28



00F6FF

Square

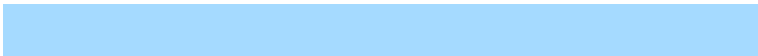
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DAEF28



00FFFF



A5DAFF



FF94B1

Rectangle

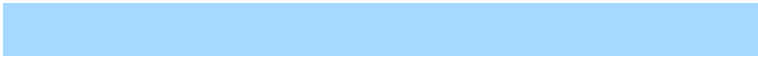
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DAEF28



00FFA3



A5DAFF



FF9DFF

Sweetspot

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



DAEF28



F8FFBF



EF3C28



7B8059



000000



808080

Same Dimension

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



DAEF28



E4FF00



78EF28



77786C



A4B800



323800

Inverse Universe

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



3D28EF



1B00FF



9F28EF



6D6C78



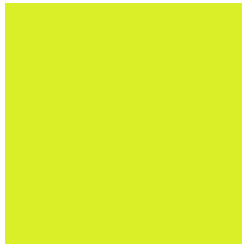
1300B8



060038

Previews

White Background



This preview shows how the Hex color `DAEF28` 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 DAEF28 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 DAEF28 Background



This preview shows how black text looks on a background with the Hex color DAEF28.



This preview shows how white text looks on a background with the Hex color DAEF28.

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

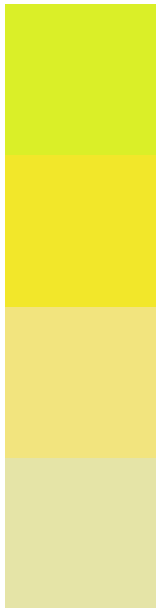


Original Color
DAEF28

Protanopia
FFE32B

Deuteranopia
FFDDAF

Trichromacy



Original Color
DAEF28

Protanomaly
F2E72A

Deuteranomaly
F2E47E

Tritanomaly
E5E4A7

Monochromacy



Original Color
DAEF28

Achromatopsia
D2D2D2

Achromatomaly
D5DD94

CSS Examples

Text

The CSS property to change the color of the text to Hex DAEF28 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 #DAEF28 looks like.

```
.text, #text, p{  
    color:#DAEF28  
}
```

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 #DAEF28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAEF28
}
```

Border

The CSS property to change the border of an element to Hex DAEF28 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
#DAEF28 }
```

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

```
.border{ border-color:#DAEF28 }
```

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

Here you see how a box with a 4 pixel #DAEF28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAEF28; -webkit-box-shadow:4px 4px  
4px 4px #DAEF28; box-shadow:4px 4px 4px  
4px #DAEF28 }
```

Background

The CSS property to change the background color of an element to Hex DAEF28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAEF28 }
```

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

```
.background{ background-color:#DAEF28 }
```

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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