

Converting Colors

Hex(DCFF27)

Have a look what the booklet for
Hex(DCFF27) contains.

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Color

Hex(DCFF27)

Conversions

Conversions Part 1

Format	Color
Hex	DCFF27
RGB	220, 255, 39
RGB Percent	86%, 100%, 15%
CMY	0.1373, 0.0000, 0.8471
CMYK	0.14, 0.00, 0.85, 0.00
HSL	70°, 100%, 58%
HSV	70°, 85%, 100%
XYZ	65.6414, 86.8821, 15.2297
YIQ	219.9110, 48.4760, -74.5960

Conversions

Conversions Part 2

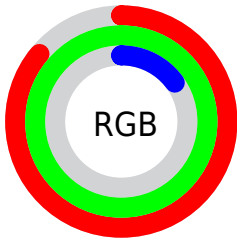
Format	Color
RYB	39, 255, 74
Decimal	14483239
CIELab	94.69, -35.14, 87.02
CIElCh	95, 93.852, 111.991
Yxy	86.8821, 0.3913, 0.5179
Android (android.graphics.Color)	4292673319 (0xFFDCFF27)
YUV	219.9110, -89.1891, 0.0781
Hunter-Lab	93.2106, -37.4140, 55.5600

Details

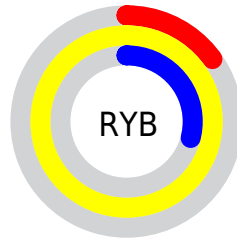
The Hex color **DCFF27** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4A27FF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF6C**, and **A0C600** is the 20% darker color. If you saturate the color by 10%, you get **D8FF0E**, and if you desaturate by 10%, it is **E0FF41**.

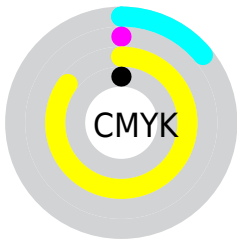
Distribution



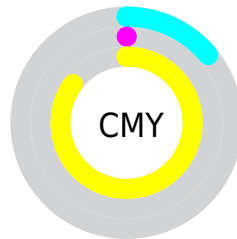
- Red (86%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (29%)



- Cyan (14%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCFF27 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 DCFF27 by changing the saturation by 10% instead.

 DCFF27

 DCFF27

FFFFFF

 BEE200

 FFFF6C

 A0C600

 FFFF8B

 83AB00

 FFFFA8

 669000


 FFFF6C

 497700

 FFFFE4

 2A5E00

 054600

 002F00

 001900

 DCFF27

 DCFF27

 D8FF0E

 E0FF41

 D6FF00

 E4FF5A

 E8FF74

 EDFF8D

 F1FFA7

 F5FFC0

 F9FFDA

 FDFFF3

FFFFFF

Harmonies

Analogous

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



FFE315



DCFF27



61FF78

Triad

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



DCFF27



00FFFF



FF98FF

Complementary

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



DCFF27



4A27FF

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.



FFB9FF



DCFF27



00FFFF

Square

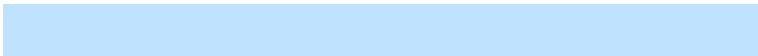
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCFF27



00FFFF



BFE2FF



FF9BB1

Rectangle

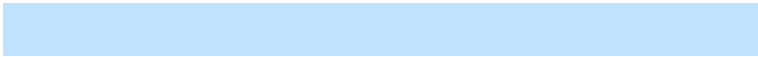
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCFF27



00FFB4



BFE2FF



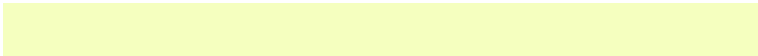
FFA0FF

Sweetspot

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



DCFF27



F5FFBF



FF4727



798059



000000



808080

Same Dimension

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



DCFF27



D6FF00



73FF27



7D8073



A0BF00



354000

Inverse Universe

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



4A27FF



2900FF



B327FF



757380



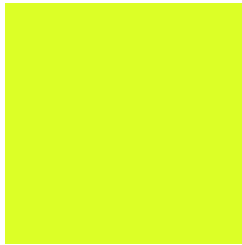
1F00BF



0A0040

Previews

White Background



This preview shows how the Hex color DCFF27 looks on a white background.

Color Contrast Check

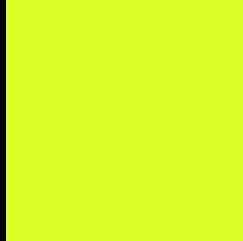
Large Text (above 18pt) WCAG AA × Fail

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 DCFF27 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 DCFF27 Background



This preview shows how black text looks on a background with the Hex color DCFF27.

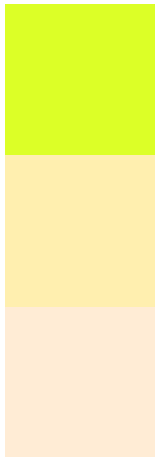


This preview shows how white text looks on a background with the Hex color DCFF27.

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
DCFF27

Protanopia
FFEFAF

Deuteranopia
FFECD5

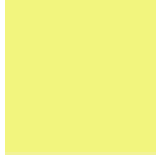


Tritanopia
EFEDFF

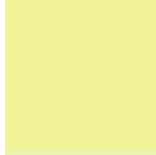
Trichromacy



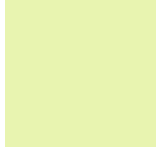
Original Color
DCFF27



Protanomaly
F2F57E



Deuteranomaly
F2F396



Tritanomaly
E8F4B0

Monochromacy



Original Color
DCFF27



Achromatopsia
DCDCDC



Achromatomaly
DCE99A

CSS Examples

Text

The CSS property to change the color of the text to Hex DCFF27 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 #DCFF27 looks like.

```
.text, #text, p{  
    color:#DCFF27  
}
```

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 #DCFF27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCFF27
}
```

Border

The CSS property to change the border of an element to Hex DCFF27 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
#DCFF27 }
```

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

```
.border{ border-color:#DCFF27 }
```

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

Here you see how a box with a 4 pixel #DCFF27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCFF27; -webkit-box-shadow:4px 4px  
4px 4px #DCFF27; box-shadow:4px 4px 4px  
4px #DCFF27 }
```

Background

The CSS property to change the background color of an element to Hex DCFF27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCFF27 }
```

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

```
.background{ background-color:#DCFF27 }
```

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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