

Converting Colors

Hex(DCF270)

Have a look what the booklet for
Hex(DCF270) contains.

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Color

Hex(DCF270)

Conversions

Conversions Part 1

Format	Color
Hex	DCF270
RGB	220, 242, 112
RGB Percent	86%, 95%, 44%
CMY	0.1373, 0.0510, 0.5608
CMYK	0.09, 0.00, 0.54, 0.05
HSL	70°, 83%, 69%
HSV	70°, 54%, 95%
XYZ	64.1920, 79.8898, 27.3662
YIQ	220.6020, 28.6180, -45.0940

Conversions

Conversions Part 2

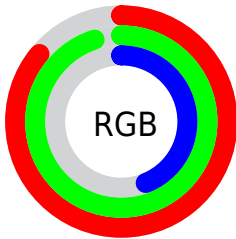
Format	Color
RYB	112, 242, 134
Decimal	14479984
CIELab	91.64, -25.26, 59.36
CIELCh	92, 64.514, 113.053
Yxy	79.8898, 0.3744, 0.4660
Android (android.graphics.Color)	4292670064 (0xFFDCF270)
YUV	220.6020, -53.5408, -0.5280
Hunter-Lab	89.3811, -28.2212, 44.4137

Details

The Hex color **DCF270** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **8670F2**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFA7**, and **A3BA3A** is the 20% darker color. If you saturate the color by 10%, you get **D8F258**, and if you desaturate by 10%, it is **E0F288**.

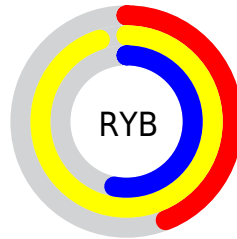
Distribution



Red (86%)

Green (95%)

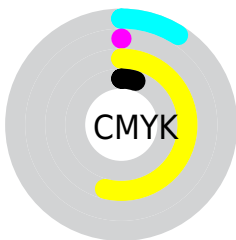
Blue (44%)



Red (44%)

Yellow (95%)

Blue (53%)

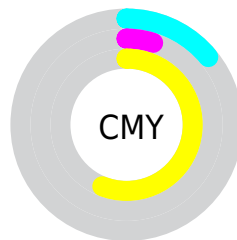


Cyan (9%)

Magenta (0%)

Yellow (54%)

Black (5%)



Cyan (14%)

Magenta (5%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCF270 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 DCF270 by changing the saturation by 10% instead.

 DCF270

FFFFFF

 FFFFA7

 FFFFC3

 FFFFEO

FFFFFFD

 DCF270

 BFD655

 A3BA3A

 879F1B

 6B8500

 506C00

 365300

 1B3C00

 002600

 000B00

 DCF270

 DCF270

 D8F258

 E0F288

 D4F240

 E4F2A0

 D0F227

 E8F2B9

 CCF20F

 ECF2D1

 C9F200

 F0F2E9

 F5F2FF

 F9F2FF

 FDF2FF

 FFF2FF

Harmonies

Analogous

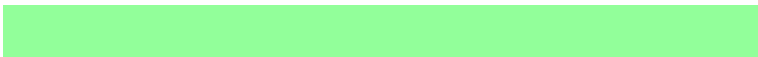
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDF68



DCF270



92FF9A

Triad

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



DCF270



00FFFF



FFB4F8

Complementary

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



DCF270



8670F2

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.



FFC4FF



DCF270



42F2FF

Square

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



DCF270



00FFFF



D4DCFF



FFB6BA

Rectangle

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



DCF270



46FFC1



D4DCFF



FFB8FF

Sweetspot

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



DCF270



F8FFD6



F28670



7B8067



000000



808080

Same Dimension

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



DCF270



E3FF5C



9BF270



76786C



99B800



2F3800

Inverse Universe

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



8670F2



775CFF



C770F2



6E6C78



1F00B8



090038

Previews

White Background



This preview shows how the Hex color DCF270 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 DCF270 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 DCF270 Background



This preview shows how black text looks on a background with the Hex color DCF270.



This preview shows how white text looks on a background with the Hex color DCF270.

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
DCF270

Protanopia
FFE771

Deuteranopia
FFE2C0

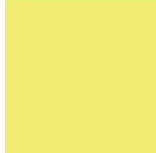


Tritanopia
EBE4F6

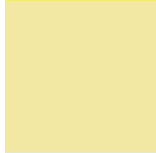
Trichromacy



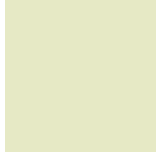
Original Color
DCF270



Protanomaly
F2EB71



Deuteranomaly
F2E8A3

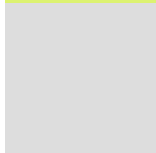


Tritanomaly
E6E9C5

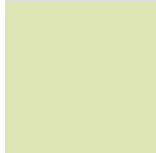
Monochromacy



Original Color
DCF270



Achromatopsia
DDDDDD



Achromatomaly
DDE5B5

CSS Examples

Text

The CSS property to change the color of the text to Hex DCF270 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 #DCF270 looks like.

```
.text, #text, p{  
    color:#DCF270  
}
```

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 #DCF270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCF270
}
```

Border

The CSS property to change the border of an element to Hex DCF270 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
#DCF270 }
```

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

```
.border{ border-color:#DCF270 }
```

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

Here you see how a box with a 4 pixel #DCF270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCF270; -webkit-box-shadow:4px 4px  
4px 4px #DCF270; box-shadow:4px 4px 4px  
4px #DCF270 }
```

Background

The CSS property to change the background color of an element to Hex DCF270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCF270 }
```

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

```
.background{ background-color:#DCF270 }
```

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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