

Converting Colors

Hex(DDFF45)

Have a look what the booklet for
Hex(DDFF45) contains.

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Color

Hex(DDFF45)

Conversions

Conversions Part 1

Format	Color
Hex	DDFF45
RGB	221, 255, 69
RGB Percent	87%, 100%, 27%
CMY	0.1333, 0.0000, 0.7294
CMYK	0.13, 0.00, 0.73, 0.00
HSL	71°, 100%, 64%
HSV	71°, 73%, 100%
XYZ	66.6530, 87.3218, 18.9720
YIQ	223.6300, 39.4420, -65.0540

Conversions

Conversions Part 2

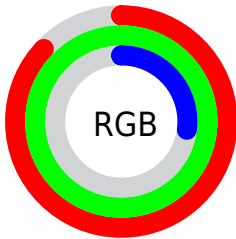
Format	Color
R _Y B	69, 255, 103
Decimal	14548805
CIE Lab	94.87, -33.69, 79.46
CIE LCh	95, 86.303, 112.977
Yxy	87.3218, 0.3854, 0.5049
Android (android.graphics.Color)	4292738885 (0xFFDDFF45)
YUV	223.6300, -76.2326, -2.3065
Hunter-Lab	93.4461, -36.2108, 53.3749

Details

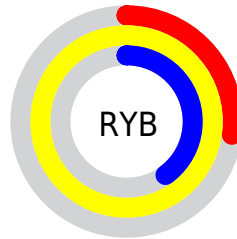
The Hex color **DDFF45** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **6745FF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF81**, and **A2C600** is the 20% darker color. If you saturate the color by 10%, you get **D8FF2B**, and if you desaturate by 10%, it is **E2FF5E**.

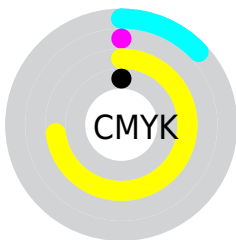
Distribution



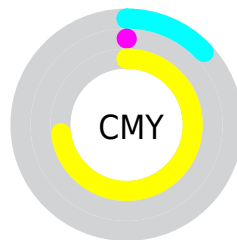
- Red (87%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (40%)



- Cyan (13%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDFF45 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 DDFF45 by changing the saturation by 10% instead.

 DDF45

 DDF45

FFFFFF

 BFE220

 FFF81

 A2C600

 FFF9E

 85AB00

 FFFBB

 689000

 FFFD9

 4C7700

 FFFF7

 2E5E00

 0D4600

 002F00

 001A00

 DDFF45

 DDFF45

 D8FF2B

 E2FF5E

 D4FF12

 E6FF78

 D0FF00

 EBFF92

 F0FFAB

 F4FFC4

 F9FFDE

 FEFFF7

FFFFFF

Harmonies

Analogous

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



FFE538



DDFF45



70FF86

Triad

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



DFF45



00FFF



FFA3FF

Complementary

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



DDFF45



6745FF

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.



FFBEFF



DFF45



00FFF

Square

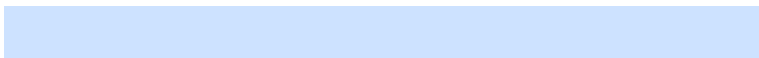
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDFF45



00FFFF



CDE2FF



FFA7B4

Rectangle

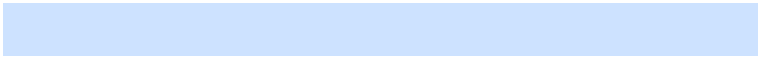
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



`DFF45`



`0FFBC`



`CDE2FF`



`FA9FF`

Sweetspot

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



DFF45



F5FC7



FF6445



79805E



000000



808080

Same Dimension

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



Ddff45



D6FF1F



83FF45



7D8073



9CBF00



344000

Inverse Universe

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



6745FF



481FFF



C145FF



757380



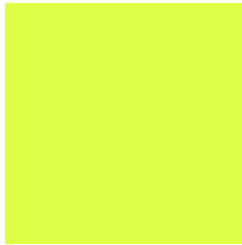
2300BF



0C0040

Previews

White Background



This preview shows how the Hex color DDFF45 looks on a white background.

Color Contrast Check

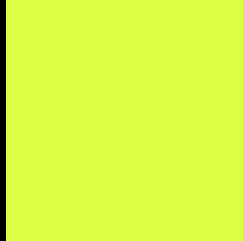
Large Text (above 18pt) WCAG AA × Fail

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 DDFF45 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 DDFF45 Background



This preview shows how black text looks on a background with the Hex color DDFF45.

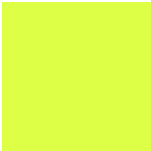
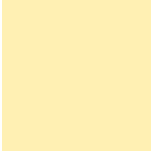



This preview shows how white text looks on a background with the Hex color DDFF45.

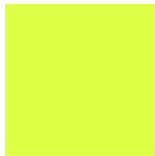
Color Blindness Simulation

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 DFF45
	Protanopia FF0B3
	Deuteranopia FFEDD7

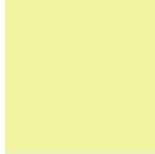
Trichromacy



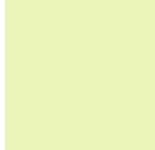
Original Color
DFF45



Protanomaly
F3F58B



Deuteranomaly
F3F4A2

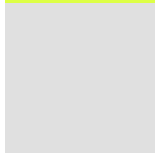


Tritanomaly
E9F4BB

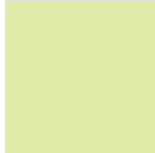
Monochromacy



Original Color
DFF45



Achromatopsia
E0E0E0



Achromatomaly
DFEBA8

CSS Examples

Text

The CSS property to change the color of the text to Hex DDFF45 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 #DDFF45 looks like.

```
.text, #text, p{  
    color:#DDFF45  
}
```

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 #DDFF45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDFF45
}
```

Border

The CSS property to change the border of an element to Hex DDFF45 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
#DDFF45 }
```

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

```
.border{ border-color:#DDFF45 }
```

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

Here you see how a box with a 4 pixel #DDFF45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDFF45; -webkit-box-shadow:4px 4px  
4px 4px #DDFF45; box-shadow:4px 4px 4px  
4px #DDFF45 }
```

Background

The CSS property to change the background color of an element to Hex DDFF45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDFF45 }
```

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

```
.background{ background-color:#DDFF45 }
```

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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