

Converting Colors

Hex(DDFA59)

Have a look what the booklet for
Hex(DDFA59) contains.

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Color

Hex(DDFA59)

Conversions

Conversions Part 1

Format	Color
Hex	DDFA59
RGB	221, 250, 89
RGB Percent	87%, 98%, 35%
CMY	0.1333, 0.0196, 0.6510
CMYK	0.12, 0.00, 0.64, 0.02
HSL	71°, 94%, 66%
HSV	71°, 64%, 98%
XYZ	65.8076, 84.4646, 22.2861
YIQ	222.9750, 34.3970, -56.2190

Conversions

Conversions Part 2

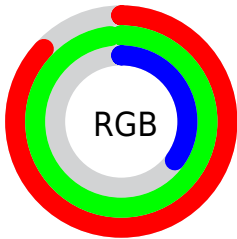
Format	Color
R _Y B	89, 250, 118
Decimal	14547545
CIE Lab	93.65, -30.30, 71.19
CIE LCh	94, 77.371, 113.059
Yxy	84.4646, 0.3814, 0.4895
Android (android.graphics.Color)	4292737625 (0xFFDDFA59)
YUV	222.9750, -66.0497, -1.7321
Hunter-Lab	91.9046, -33.0197, 49.9559

Details

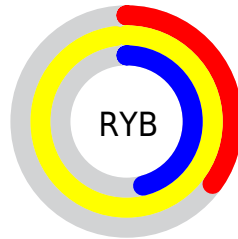
The Hex color **DDFA59** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7659FA**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF92**, and **A3C217** is the 20% darker color. If you saturate the color by 10%, you get **D8FA40**, and if you desaturate by 10%, it is **E2FA72**.

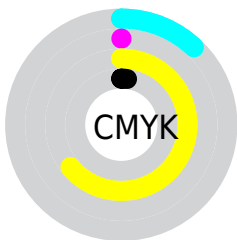
Distribution



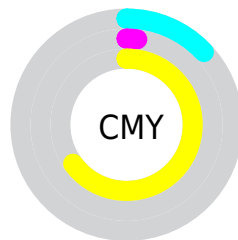
- Red (87%)
- Green (98%)
- Blue (35%)



- Red (35%)
- Yellow (98%)
- Blue (46%)



- Cyan (12%)
- Magenta (0%)
- Yellow (64%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDFA59 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 DDFA59 by changing the saturation by 10% instead.

 DDFA59

 DDFA59

FFFFFF

 C0DD3B

 FFFF92

 A3C217

 FFFFAE

 86A600

 FFFF CB

 6A8C00

 FFFF E9

 4E7200

 325A00

 144200

 002B00

 001500

 DDFA59

 DDFA59

 D8FA40

 E2FA72

 D4FA27

 E6FA8B

 CFFA0E

 EBFAA4

 CDFA00

 EFFABD

 F4FAD6

 F8FAEF

 FDFAFF

 FFFAFF

Harmonies

Analogous

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



FFE34F



DDFA59



7FFF8F

Triad

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



DDFA59



00FFFF



FFABFF

Complementary

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



DDFA59



7659FA

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.



FFC1FF



DDFA59



00FAFF

Square

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



DDFA59



00FFFF



D1E0FF



FFAEB7

Rectangle

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



DDFA59



00FFBF



D1E0FF



FFB0FF

Sweetspot

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



DDFA59



F6FFCF



FA7459



7A8062



000000



808080

Same Dimension

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



DDFA59



DCFF3B



8FFA59



7B7D70



9BBD00



323D00

Inverse Universe

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



7659FA



5E3BFF



C459FA



73707D



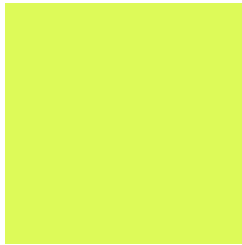
2200BD



0B003D

Previews

White Background



This preview shows how the Hex color DDFA59 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 DDFA59 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 DDFA59 Background



This preview shows how black text looks on a background with the Hex color DDFA59.

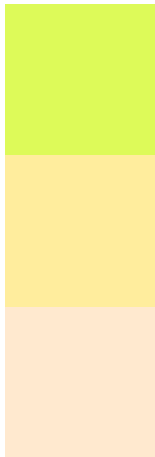


This preview shows how white text looks on a background with the Hex color DDFA59.

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
DDFA59

Protanopia
FFED9D

Deuteranopia
FFE9CF

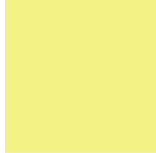


Tritanopia
EEEEFC

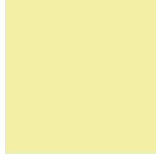
Trichromacy



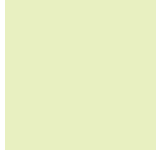
Original Color
DDFA59



Protanomaly
F3F284



Deuteranomaly
F3EFA4

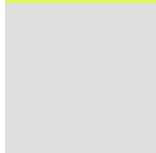


Tritanomaly
E8F0C1

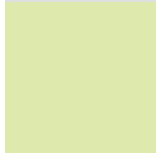
Monochromacy



Original Color
DDFA59



Achromatopsia
DFDFDF



Achromatomaly
DEE9AE

CSS Examples

Text

The CSS property to change the color of the text to Hex DDF5A9 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 #DDFA59 looks like.

```
.text, #text, p{  
    color:#DDFA59  
}
```

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 #DDFA59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDFA59
}
```

Border

The CSS property to change the border of an element to Hex DDFA59 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
#DDFA59 }
```

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

```
.border{ border-color:#DDFA59 }
```

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

Here you see how a box with a 4 pixel #DDFA59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDFA59; -webkit-box-shadow:4px 4px  
4px 4px #DDFA59; box-shadow:4px 4px 4px  
4px #DDFA59 }
```

Background

The CSS property to change the background color of an element to Hex DDFA59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDFA59 }
```

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

```
.background{ background-color:#DDFA59 }
```

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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