

# Converting Colors

Hex(EDFF28)

Have a look what the booklet for  
Hex(EDFF28) contains.

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**Color**

**Hex(EDFF28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDFF28
RGB	237, 255, 40
RGB Percent	93%, 100%, 16%
CMY	0.0706, 0.0000, 0.8431
CMYK	0.07, 0.00, 0.84, 0.00
HSL	65°, 100%, 58%
HSV	65°, 84%, 100%
XYZ	71.0681, 89.6777, 15.5713
YIQ	225.1080, 58.2870, -70.6810

# Conversions

## Conversions Part 2

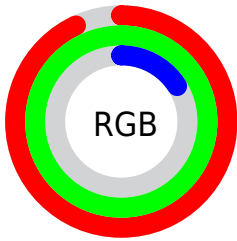
Format	Color
<a href="#">RYB</a>	<a href="#">40, 255, 58</a>
Decimal	<a href="#">15597352</a>
CIELab	<a href="#">95.86, -28.35, 88.28</a>
CIELCh	<a href="#">96, 92.719, 107.804</a>
Yxy	<a href="#">89.6777, 0.4031, 0.5086</a>
Android (android.graphics.Color)	<a href="#">4293787432 (0xFFEDFF28)</a>
YUV	<a href="#">225.1080, -91.2582, 10.4293</a>
Hunter-Lab	<a href="#">94.6983, -31.7635, 56.5397</a>

# Details

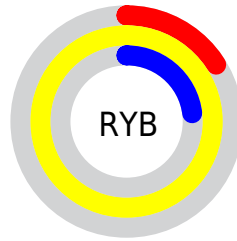
The Hex color **EDFF28** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3A28FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF6D**, and **B1C600** is the 20% darker color. If you saturate the color by 10%, you get **EBFF0F**, and if you desaturate by 10%, it is **EFFF42**.

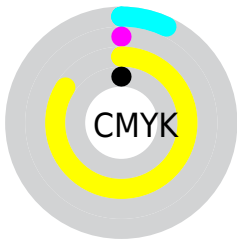
# Distribution



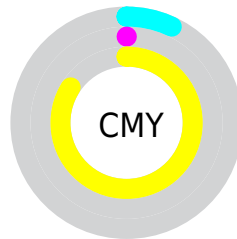
- Red (93%)
- Green (100%)
- Blue (16%)



- Red (16%)
- Yellow (100%)
- Blue (23%)



- Cyan (7%)
- Magenta (0%)
- Yellow (84%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDFF28 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 EDFF28 by changing the saturation by 10% instead.



 EDFF28

 EDFF28

FFFFFF

 CFE200

 FFFF6D

 B1C600

 FFFF8C

 93AB00

 FFFFA9

 769100

 FFFFC7

 597700

 FFFF E5

 3C5E00

 204700

 003000

 001D00

 EDFF28

 EDFF28

 EBFF0F

 EFFF42

 EAFF00

 F1FF5B

 F3FF75

 F6FF8E

 F8FFA8

 FAFFC1

 FCFFDB

 FEFFF4

FFFFFF

# Harmonies

## Analogous

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



FFE22B



EDFF28



7FFF72

# Triad

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



EDFF28



00FFFF



FFA0FF

# Complementary

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



EDFF28



3A28FF

# 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.



FFC3FF



EDFF28



00FFFF

# Square

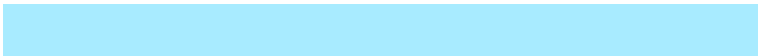
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EDFF28



00FFFF



A8EBFF



FF9EC1

# Rectangle

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



EDFF28



00FFAB



A8EBFF



FFA9FF



# Sweetspot

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



EDFF28



FAFFBF



FF3A28



7C8059



000000



808080



# Same Dimension

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



EDFF28



EAFF00



82FF28



7E8073



AFBF00



3A4000



# Inverse Universe

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



3A28FF



1500FF



A528FF



747380



1000BF

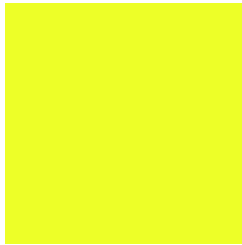


050040



# Previews

## White Background



This preview shows how the Hex color EDFF28 looks on a white background.

## Color Contrast Check

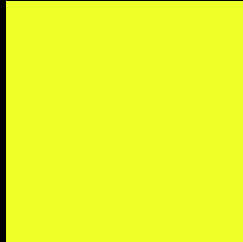
Large Text (above 18pt) WCAG AA × Fail

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 EDFF28 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 EDFF28 Background



This preview shows how black text looks on a background with the Hex color EDFF28.



This preview shows how white text looks on a background with the Hex color EDFF28.

# 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**  
EDFF28

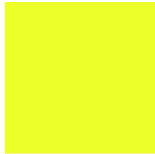
**Protanopia**  
FFF3C4

**Deuteranopia**  
FFF1DF

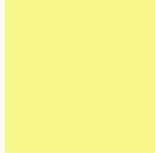


**Tritanopia**  
FEEEFF

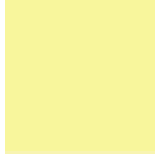
# Trichromacy



**Original Color**  
EDFF28



**Protanomaly**  
F8F78B

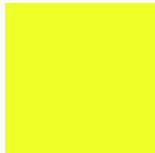


**Deuteranomaly**  
F8F69C

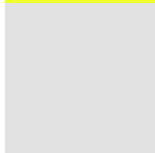


**Tritanomaly**  
F8F4B1

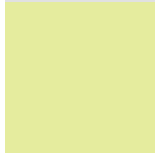
# Monochromacy



**Original Color**  
EDFF28



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
E5EC9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDFF28 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 #EDFF28 looks like.

```
.text, #text, p{  
    color:#EDFF28  
}
```

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 #EDFF28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDFF28
}
```

## Border

The CSS property to change the border of an element to Hex EDFF28 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
#EDFF28 }
```

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

```
.border{ border-color:#EDFF28 }
```

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

Here you see how a box with a 4 pixel #EDFF28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDFF28; -webkit-box-shadow:4px 4px  
4px 4px #EDFF28; box-shadow:4px 4px 4px  
4px #EDFF28 }
```

# Background

The CSS property to change the background color of an element to Hex EDFF28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDFF28 }
```

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

```
.background{ background-color:#EDFF28 }
```

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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