

Converting Colors

Hex(3DED2F)

Have a look what the booklet for
Hex(3DED2F) contains.

Hex(3DED2F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3DED2F)

Conversions

Conversions Part 1

Format	Color
Hex	3DED2F
RGB	61, 237, 47
RGB Percent	24%, 93%, 18%
CMY	0.7608, 0.0706, 0.8157
CMYK	0.74, 0.00, 0.80, 0.07
HSL	116°, 84%, 56%
HSV	116°, 80%, 93%
XYZ	32.7217, 61.7657, 12.8867
YIQ	162.7160, -43.9060, -96.4020

Conversions

Conversions Part 2

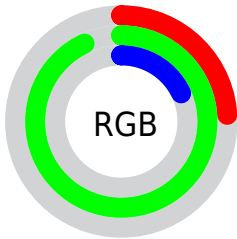
Format	Color
RYB	47, 237, 223
Decimal	4058415
CIELab	82.79, -75.38, 72.13
CIELCh	83, 104.332, 136.263
Yxy	61.7657, 0.3047, 0.5752
Android (android.graphics.Color)	4282248495 (0xFF3DED2F)
YUV	162.7160, -57.0480, -89.2049
Hunter-Lab	78.5912, -63.2153, 45.2920

Details

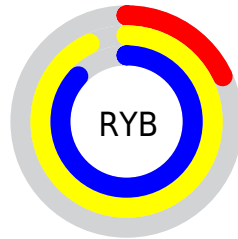
The Hex color **3DED2F** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **DF2FED**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **87FF6D**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **27ED17**, and if you desaturate by 10%, it is **53ED47**.

Distribution



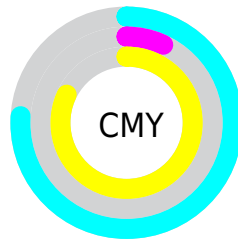
- Red (24%)
- Green (93%)
- Blue (18%)



- Red (18%)
- Yellow (93%)
- Blue (87%)



- Cyan (74%)
- Magenta (0%)
- Yellow (80%)
- Black (7%)



- Cyan (76%)
- Magenta (7%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DED2F 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 3DED2F by changing the saturation by 10% instead.

 3DED2F

 3DED2F

FFFFFF

 00D000

 87FF6D

 00B300

 A7FF8A

 009800

 C7FFA6


 007C00

 E7FFC3

 006200

 FFFFE1

 004800

 002F00

 001100

 000000

 3DED2F

 3DED2F

 27ED17

 53ED47

 11ED00

 69ED5E

 7FED76

 95ED8E

 ABEDA5

 C1EDBD

 D7EDD5

 EDEDED

 FFEDFF

Harmonies

Analogous

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



C6DA00



3DED2F



00F69C

Triad

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



3DED2F



00E7FF



FF5A9E

Complementary

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



3DED2F



DF2FED

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.



FF62FF



3DED2F



30C8FF

Square

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



3DED2F



00F5FF



FF97FF



FF8A3F

Rectangle

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



3DED2F



00F9E1



FF97FF



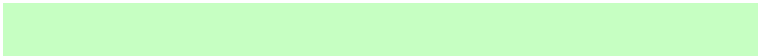
FF53BE

Sweetspot

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



3DED2F



C6FFC2



EDDD2F



5D805B



000000



808080

Same Dimension

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



3DED2F



1CFF0A



2FED7E



6A756A



0DB500



043600

Inverse Universe

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



DF2FED



ED0AFF



ED2F9E



746A75



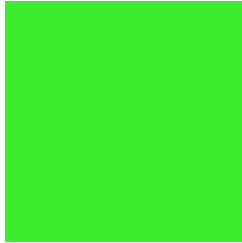
A800B5



320036

Previews

White Background



This preview shows how the Hex color 3DED2F 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 3DED2F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

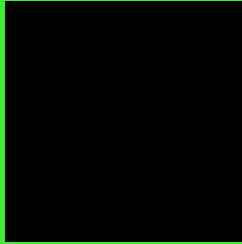
Any Text WCAG AA ✓ Pass

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 3DED2F Background



This preview shows how black text looks on a background with the Hex color 3DED2F.

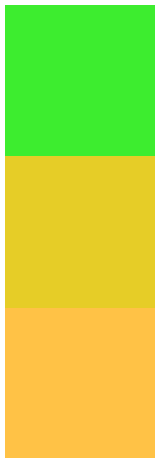


This preview shows how white text looks on a background with the Hex color 3DED2F.

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](#).

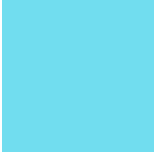
Dichromacy



Original Color
3DED2F

Protanopia
E6CD27

Deuteranopia
FFC246



Tritanopia
71DDEF

Trichromacy



Original Color
3DED2F



Protanomaly
A9D92A

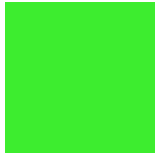


Deuteranomaly
B8D23E



Tritanomaly
5EE3A9

Monochromacy



Original Color
3DED2F



Achromatopsia
A3A3A3



Achromatomaly
7EBE79

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DED2F 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 #3DED2F looks like.

```
.text, #text, p{  
    color:#3DED2F  
}
```

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 #3DED2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DED2F
}
```

Border

The CSS property to change the border of an element to Hex 3DED2F 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
#3DED2F }
```

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

```
.border{ border-color:#3DED2F }
```

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

Here you see how a box with a 4 pixel #3DED2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DED2F; -webkit-box-shadow:4px 4px  
4px 4px #3DED2F; box-shadow:4px 4px 4px  
4px #3DED2F }
```

Background

The CSS property to change the background color of an element to Hex 3DED2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DED2F }
```

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

```
.background{ background-color:#3DED2F }
```

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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