

# Converting Colors

Hex(3DE446)

Have a look what the booklet for  
Hex(3DE446) contains.

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**Color**

**Hex(3DE446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DE446
RGB	61, 228, 70
RGB Percent	24%, 89%, 27%
CMY	0.7608, 0.1059, 0.7255
CMYK	0.73, 0.00, 0.69, 0.11
HSL	123°, 76%, 57%
HSV	123°, 73%, 89%
XYZ	30.7734, 56.9211, 15.1593
YIQ	160.0550, -48.8140, -84.5420

# Conversions

## Conversions Part 2

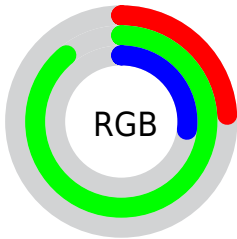
Format	Color
<a href="#">RYB</a>	<a href="#">61, 219, 228</a>
Decimal	<a href="#">4056134</a>
CIELab	<a href="#">80.14, -71.04, 62.09</a>
CIELCh	<a href="#">80, 94.353, 138.846</a>
Yxy	<a href="#">56.9211, 0.2992, 0.5534</a>
Android (android.graphics.Color)	<a href="#">4282246214 (0xFF3DE446)</a>
YUV	<a href="#">160.0550, -44.3971, -86.8712</a>
Hunter-Lab	<a href="#">75.4461, -59.2231, 40.8992</a>

# Details

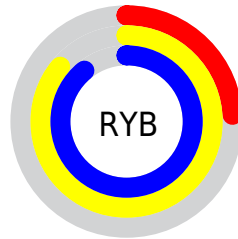
The Hex color **3DE446** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E43DDB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **84FF7E**, and **00AB00** is the 20% darker color. If you saturate the color by 10%, you get **26E430**, and if you desaturate by 10%, it is **54E45C**.

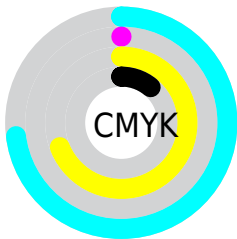
# Distribution



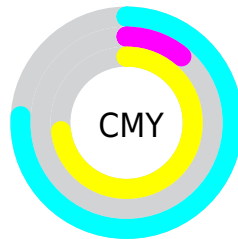
- Red (24%)
- Green (89%)
- Blue (27%)



- Red (24%)
- Yellow (86%)
- Blue (89%)



- Cyan (73%)
- Magenta (0%)
- Yellow (69%)
- Black (11%)



- Cyan (76%)
- Magenta (11%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DE446 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 3DE446 by changing the saturation by 10% instead.



 3DE446

 3DE446


FFFFFF

 00C728

 84FF7E

 00AB00

 A4FF9A

 008F00

 C3FFB6

 007400

 E2FFD3

 005A00

 FFFFF0

 004100

 002800

 000100

 000000

 3DE446

 3DE446

 26E430

 54E45C

 0FE41B

 6BE471

 00E40C

 81E487

 98E49C

 AFE4B2

 C6E4C7

 DDE4DD

 F3E4F3

 FFE4FF

# Harmonies

## Analogous

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



BAD300



3DE446



00ECA2

# Triad

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



3DE446



00DBFF



FF6994

# Complementary

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



3DE446



E43DDB

# 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.



FF6AEC



3DE446



72BEFF

# Square

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



3DE446



00EAFB



FF93FF



FF8F40

# Rectangle

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



3DE446



00EEDF



FF93FF



FF63B1

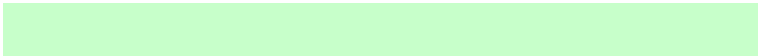


# Sweetspot

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



3DE446



C7FFCA



DCE43D



5E8060



000000



808080



# Same Dimension

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



3DE446



1FFF2B



3DE499



677368



00B30A



003303



# Inverse Universe

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



E43DDB



FF1FF3



E43D88



736772



B300A9

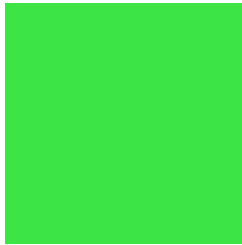


330030



# Previews

## White Background



This preview shows how the Hex color 3DE446 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 3DE446 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

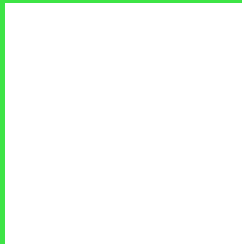
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3DE446 Background



This preview shows how black text looks on a background with the Hex color 3DE446.

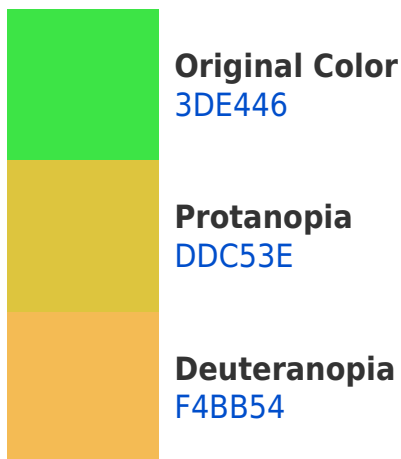


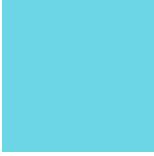
This preview shows how white text looks on a background with the Hex color 3DE446.

# 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](#).

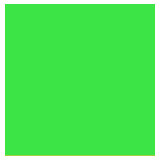
## Dichromacy





**Tritanopia**  
6CD5E6

# Trichromacy



**Original Color**  
3DE446



**Protanomaly**  
A3D041



**Deuteranomaly**  
B1CA4F



**Tritanomaly**  
5BDAAC

# Monochromacy



**Original Color**  
3DE446



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
7CB97F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DE446 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 #3DE446 looks like.

```
.text, #text, p{  
    color:#3DE446  
}
```

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 #3DE446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DE446
}
```

## Border

The CSS property to change the border of an element to Hex 3DE446 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
#3DE446 }
```

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

```
.border{ border-color:#3DE446 }
```

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

Here you see how a box with a 4 pixel #3DE446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DE446; -webkit-box-shadow:4px 4px  
4px 4px #3DE446; box-shadow:4px 4px 4px  
4px #3DE446 }
```

# Background

The CSS property to change the background color of an element to Hex 3DE446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DE446 }
```

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

```
.background{ background-color:#3DE446 }
```

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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