

Converting Colors

Hex(30E651)

Have a look what the booklet for
Hex(30E651) contains.

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Color

Hex(30E651)

Conversions

Conversions Part 1

Format	Color
Hex	30E651
RGB	48, 230, 81
RGB Percent	19%, 90%, 32%
CMY	0.8118, 0.0980, 0.6824
CMYK	0.79, 0.00, 0.65, 0.10
HSL	131°, 78%, 55%
HSV	131°, 79%, 90%
XYZ	31.0009, 57.8161, 17.3103
YIQ	158.5960, -60.6430, -84.9230

Conversions

Conversions Part 2

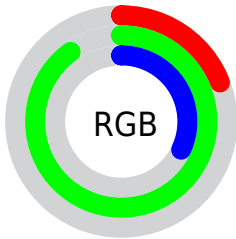
Format	Color
RYB	48, 202, 230
Decimal	3204689
CIELab	80.64, -72.36, 58.27
CIELCh	81, 92.904, 141.156
Yxy	57.8161, 0.2921, 0.5448
Android (android.graphics.Color)	4281394769 (0xFF30E651)
YUV	158.5960, -38.2548, -96.9927
Hunter-Lab	76.0369, -60.2885, 39.7281

Details

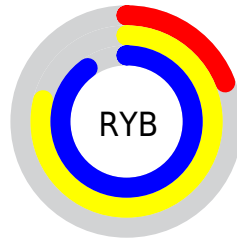
The Hex color **30E651** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E630C5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7DFF88**, and **00AD13** is the 20% darker color. If you saturate the color by 10%, you get **19E63E**, and if you desaturate by 10%, it is **47E664**.

Distribution



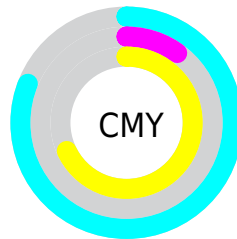
- Red (19%)
- Green (90%)
- Blue (32%)



- Red (19%)
- Yellow (79%)
- Blue (90%)



- Cyan (79%)
- Magenta (0%)
- Yellow (65%)
- Black (10%)



- Cyan (81%)
- Magenta (10%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30E651 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 30E651 by changing the saturation by 10% instead.

 30E651

 30E651

FFFFFF

 00C935

 7DFF88

 00AD13

 9DFFA4

 009100

 BDFFC0

 007600

 DCFFDD

 005C00

 FBFFFA

 004200

 002A00

 000400

 000000

 30E651

 30E651

 19E63E

 47E664

 02E62B

 5EE677

 00E62A

 75E689

 8CE69C

 A3E6AF

 BAE6C2

 D1E6D5

 E8E6E8

 FFE6FA

Harmonies

Analogous

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



B5D600



30E651



00EEAB

Triad

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



30E651



00DAFF



FF6F8F

Complementary

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



30E651



E630C5

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.



FF6CE6



30E651



8ABCFF

Square

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



30E651



00EAFB



FF92FF



FF953E

Rectangle

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



30E651



00EFE7



FF92FF



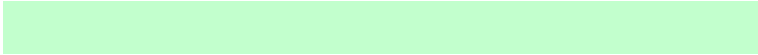
FF68AC

Sweetspot

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



30E651



C2FFCD



C8E630



5B8061



000000



808080

Same Dimension

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



30E651



0DFF39



30E6A9



677369



00B320



003309

Inverse Universe

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



E630C5



FF0DD3



E6306D



736771



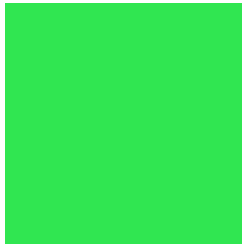
B30092



33002A

Previews

White Background



This preview shows how the Hex color 30E651 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 30E651 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 30E651 Background



This preview shows how black text looks on a background with the Hex color 30E651.

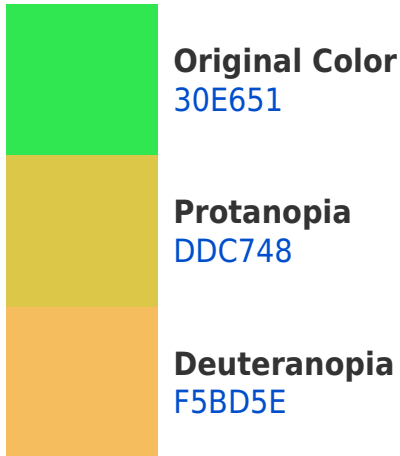


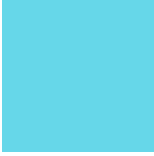
This preview shows how white text looks on a background with the Hex color 30E651.

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](#).

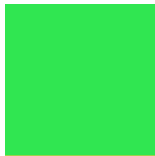
Dichromacy



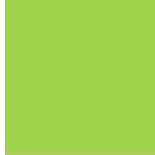


Tritanopia
66D7E9

Trichromacy



Original Color
30E651



Protanomaly
9ED24B



Deuteranomaly
ADCC59



Tritanomaly
52DCB2

Monochromacy



Original Color
30E651



Achromatopsia
9F9F9F



Achromatomaly
77B983

CSS Examples

Text

The CSS property to change the color of the text to Hex 30E651 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 #30E651 looks like.

```
.text, #text, p{  
    color:#30E651  
}
```

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 #30E651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30E651
}
```

Border

The CSS property to change the border of an element to Hex 30E651 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
#30E651 }
```

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

```
.border{ border-color:#30E651 }
```

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

Here you see how a box with a 4 pixel #30E651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30E651; -webkit-box-shadow:4px 4px  
4px 4px #30E651; box-shadow:4px 4px 4px  
4px #30E651 }
```

Background

The CSS property to change the background color of an element to Hex 30E651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30E651 }
```

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

```
.background{ background-color:#30E651 }
```

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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