

# Converting Colors

Hex(48ED69)

Have a look what the booklet for  
Hex(48ED69) contains.

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# Color

Hex(48ED69)

# Conversions

## Conversions Part 1

Format	Color
Hex	48ED69
RGB	72, 237, 105
RGB Percent	28%, 93%, 41%
CMY	0.7176, 0.0706, 0.5882
CMYK	0.70, 0.00, 0.56, 0.07
HSL	132°, 82%, 61%
HSV	132°, 70%, 93%
XYZ	35.5065, 62.9660, 23.6469
YIQ	172.6170, -55.9680, -76.0320

# Conversions

## Conversions Part 2

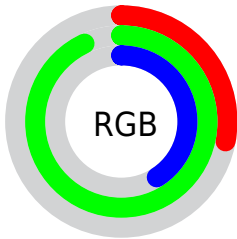
Format	Color
<a href="#">RYB</a>	<a href="#">72, 210, 237</a>
Decimal	<a href="#">4779369</a>
CIELab	<a href="#">83.42, -68.45, 51.20</a>
CIELCh	<a href="#">83, 85.483, 143.202</a>
Yxy	<a href="#">62.9660, 0.2908, 0.5156</a>
Android (android.graphics.Color)	<a href="#">4282969449 (0xFF48ED69)</a>
YUV	<a href="#">172.6170, -33.3352, -88.2411</a>
Hunter-Lab	<a href="#">79.3511, -58.9928, 37.8772</a>

# Details

The Hex color **48ED69** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **ED48CC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8CFF9F**, and **00B434** is the 20% darker color. If you saturate the color by 10%, you get **30ED56**, and if you desaturate by 10%, it is **60ED7C**.

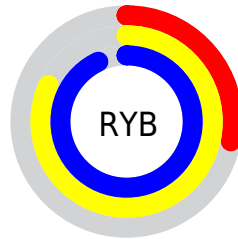
# Distribution



Red (28%)

Green (93%)

Blue (41%)



Red (28%)

Yellow (82%)

Blue (93%)

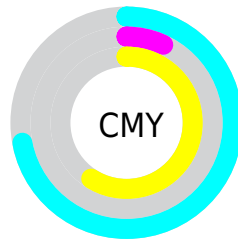


Cyan (70%)

Magenta (0%)

Yellow (56%)

Black (7%)



Cyan (72%)

Magenta (7%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48ED69 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 48ED69 by changing the saturation by 10% instead.



 48ED69

 48ED69


FFFFFF

 13D04E

 8CFF9F

 00B434

 ABFFBB

 009815

 CAFFD8

 007D00

 E9FFF5

 006200

 004900

 003100

 001400

 000000

 48ED69

 48ED69

 30ED56

 60ED7C

 19ED43

 77ED8F

 01ED30

 8FEDA2

 00ED2F

 A7EDB5

 BEEDC8

 D6EDDB

 EEEDDE

 FFEDFF

# Harmonies

## Analogous

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



BBDE1E



48ED69



00F4BA

# Triad

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



48ED69



00DFFF



FF8595

# Complementary

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



48ED69



ED48CC

# 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.



FF81E6



48ED69



ABC2FF

# Square

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



48ED69



00EFFF



FF9DFF



FFA54E

# Rectangle

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



48ED69



00F5F2



FF9DFF



FF7FB0

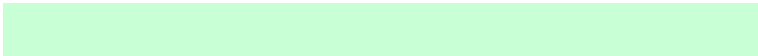


# Sweetspot

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



48ED69



C9FFD4



CCED48



608066



000000



808080



# Same Dimension

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



48ED69



29FF54



48EDBC



6A756C



00B524



00360B



# Inverse Universe

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



ED48CC



FF29D4



ED487A



756A73



B50091

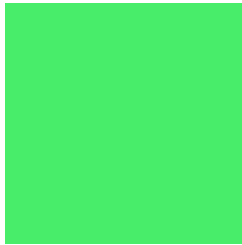


36002B



# Previews

## White Background



This preview shows how the Hex color 48ED69 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 48ED69 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

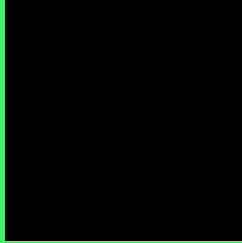
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48ED69 Background



This preview shows how black text looks on a background with the Hex color 48ED69.

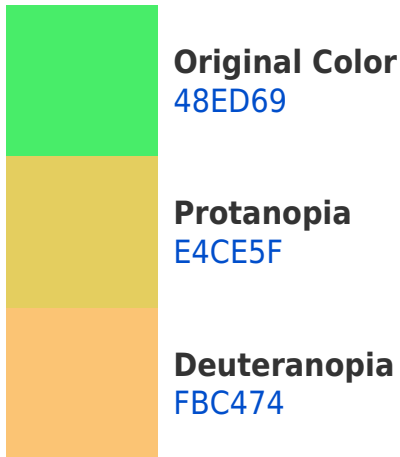


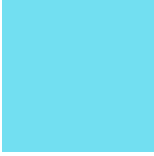
This preview shows how white text looks on a background with the Hex color 48ED69.

# 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**  
72DFF1

# Trichromacy



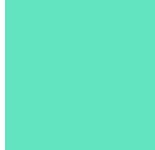
**Original Color**  
48ED69



**Protanomaly**  
ABD963



**Deuteranomaly**  
BAD370

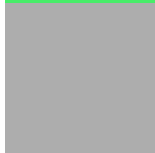


**Tritanomaly**  
63E4C0

# Monochromacy



**Original Color**  
48ED69



**Achromatopsia**  
ADADAD



**Achromatomaly**  
88C494

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48ED69 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 #48ED69 looks like.

```
.text, #text, p{  
    color:#48ED69  
}
```

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 #48ED69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48ED69
}
```

## Border

The CSS property to change the border of an element to Hex 48ED69 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
#48ED69 }
```

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

```
.border{ border-color:#48ED69 }
```

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

Here you see how a box with a 4 pixel #48ED69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48ED69; -webkit-box-shadow:4px 4px  
4px 4px #48ED69; box-shadow:4px 4px 4px  
4px #48ED69 }
```

# Background

The CSS property to change the background color of an element to Hex 48ED69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48ED69 }
```

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

```
.background{ background-color:#48ED69 }
```

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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