

Converting Colors

Hex(48E243)

Have a look what the booklet for
Hex(48E243) contains.

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Color

Hex(48E243)

Conversions

Conversions Part 1

Format	Color
Hex	48E243
RGB	72, 226, 67
RGB Percent	28%, 89%, 26%
CMY	0.7176, 0.1137, 0.7373
CMYK	0.68, 0.00, 0.70, 0.11
HSL	118°, 73%, 57%
HSV	118°, 70%, 89%
XYZ	30.8820, 56.1757, 14.5255
YIQ	161.8280, -40.7450, -82.0970

Conversions

Conversions Part 2

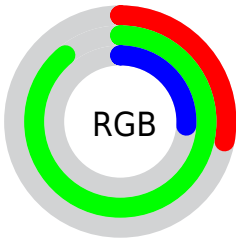
Format	Color
RYB	67, 226, 221
Decimal	4776515
CIELab	79.71, -68.82, 62.83
CIELCh	80, 93.189, 137.606
Yxy	56.1757, 0.3040, 0.5530
Android (android.graphics.Color)	4282966595 (0xFF48E243)
YUV	161.8280, -46.7502, -78.7792
Hunter-Lab	74.9504, -57.6156, 40.9748

Details

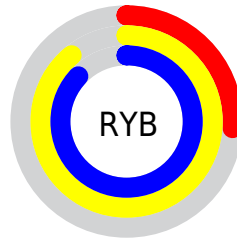
The Hex color **48E243** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DD43E2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **8BFF7B**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **32E22C**, and if you desaturate by 10%, it is **5EE25A**.

Distribution



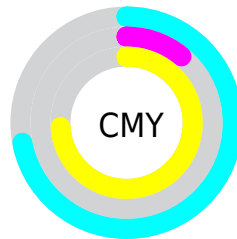
- Red (28%)
- Green (89%)
- Blue (26%)



- Red (26%)
- Yellow (89%)
- Blue (87%)



- Cyan (68%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (72%)
- Magenta (11%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48E243 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 48E243 by changing the saturation by 10% instead.

 48E243

 48E243

FFFFFF

 15C524

 8BFF7B

 00A900

 AAFF97

 008E00

 C9FFB3

 007300

 E8FFD0

 005900

 FFFFED

 004000

 002700

 000000

 48E243

 48E243

 32E22C

 5EE25A

 1CE216

 74E270

 07E200

 8AE287

 A0E29D

 B5E2B4

 CBE2CB

 E1E2E1

 F7E2F8

 FFE2FF

Harmonies

Analogous

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



BCD100



48E243



00EA9D

Triad

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



48E243



00DAFF



FF6897

Complementary

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



48E243



DD43E2

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.



FF6CED



48E243



67BEFF

Square

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



48E243



00E8FF



FF95FF



FF8D45

Rectangle

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



48E243



00EDDA



FF95FF



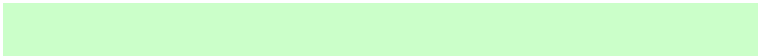
FF63B3

Sweetspot

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



48E243



CBFFC9



E2DD43



618060



000000



808080

Same Dimension

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



48E243



30FF29



43E28D



657065



06B000



023000

Inverse Universe

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



DD43E2



F829FF



E24398



706570



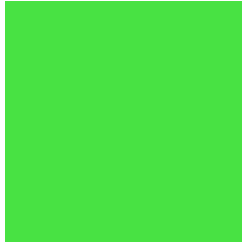
AA00B0



2F0030

Previews

White Background



This preview shows how the Hex color 48E243 looks on a white background.

Color Contrast Check

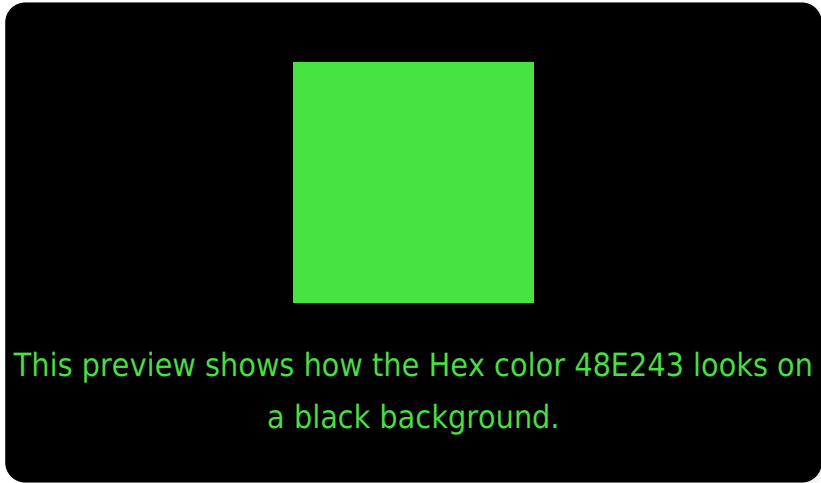
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

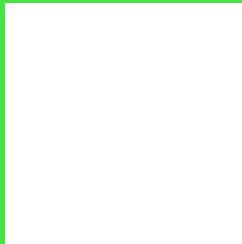
Any Text WCAG AAA ✓ Pass

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

Hex 48E243 Background



This preview shows how black text looks on a background with the Hex color 48E243.

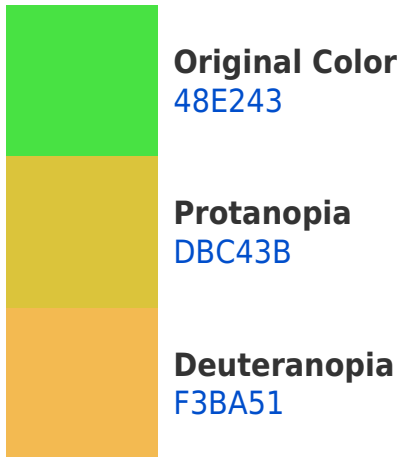


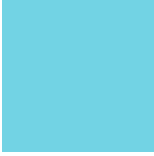
This preview shows how white text looks on a background with the Hex color 48E243.

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](#).

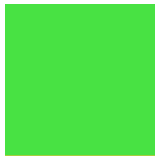
Dichromacy





Tritanopia
72D3E4

Trichromacy



Original Color

48E243



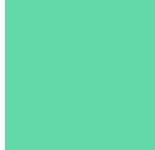
Protanomaly

A6CF3E



Deuteranomaly

B5C94C



Tritanomaly

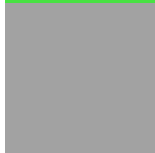
63D8A9

Monochromacy



Original Color

48E243



Achromatopsia

A2A2A2



Achromatomaly

81B97F

CSS Examples

Text

The CSS property to change the color of the text to Hex 48E243 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 #48E243 looks like.

```
.text, #text, p{  
    color:#48E243  
}
```

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 #48E243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E243
}
```

Border

The CSS property to change the border of an element to Hex 48E243 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
#48E243 }
```

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

```
.border{ border-color:#48E243 }
```

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

Here you see how a box with a 4 pixel #48E243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E243; -webkit-box-shadow:4px 4px  
4px 4px #48E243; box-shadow:4px 4px 4px  
4px #48E243 }
```

Background

The CSS property to change the background color of an element to Hex 48E243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E243 }
```

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

```
.background{ background-color:#48E243 }
```

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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