

Converting Colors

Hex(48E162)

Have a look what the booklet for
Hex(48E162) contains.

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Color

Hex(48E162)

Conversions

Conversions Part 1

Format	Color
Hex	48E162
RGB	72, 225, 98
RGB Percent	28%, 88%, 38%
CMY	0.7176, 0.1176, 0.6157
CMYK	0.68, 0.00, 0.56, 0.12
HSL	130°, 72%, 58%
HSV	130°, 68%, 88%
XYZ	31.8023, 56.1100, 20.7094
YIQ	164.7750, -50.4210, -71.9330

Conversions

Conversions Part 2

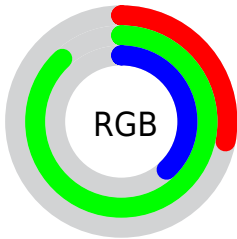
Format	Color
RYB	72, 203, 225
Decimal	4776290
CIELab	79.68, -65.28, 49.94
CIELCh	80, 82.193, 142.583
Yxy	56.1100, 0.2928, 0.5166
Android (android.graphics.Color)	4282966370 (0xFF48E162)
YUV	164.7750, -32.9201, -81.3637
Hunter-Lab	74.9066, -55.3027, 36.0427

Details

The Hex color **48E162** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E148C7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8AFF98**, and **00A82D** is the 20% darker color. If you saturate the color by 10%, you get **31E14F**, and if you desaturate by 10%, it is **5FE175**.

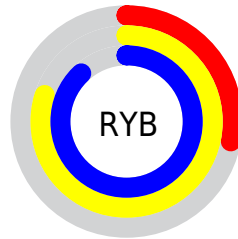
Distribution



Red (28%)

Green (88%)

Blue (38%)



Red (28%)

Yellow (80%)

Blue (88%)

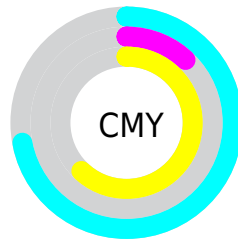


Cyan (68%)

Magenta (0%)

Yellow (56%)

Black (12%)



Cyan (72%)

Magenta (12%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48E162 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 48E162 by changing the saturation by 10% instead.

 48E162

 48E162

FFFFFF

 19C448

 8AFF98

 00A82D

 A9FFB3

 008D0C

 C7FFD0

 007200

 E6FFED

 005800

 003F00

 002700

 000000

 48E162

 48E162

 31E14F

 5FE175

 1BE13D

 75E187

 05E12A

 8BE19A

 00E126

 A2E1AD

 B9E1BF

 CFE1D2

 E6E1E5

 FCE1F7

 FFE1FF

Harmonies

Analogous

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



B3D31A



48E162



00E8AF

Triad

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



48E162



00D4FF



FF7E8F

Complementary

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



48E162



E148C7

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.



FF7ADC



48E162



9FB9FF

Square

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



48E162



00E3FF



FF96FF



FF9B4B

Rectangle

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



48E162



00E9E5



FF96FF



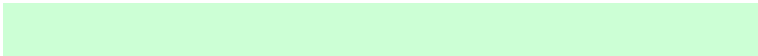
FF79A8

Sweetspot

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



48E162



CCFFD5



C7E148



618066



000000



808080

Same Dimension

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



48E162



2EFF51



48E1AE



657067



00B01E



003008

Inverse Universe

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



E148C7



FF2EDB



E1487B



70656E



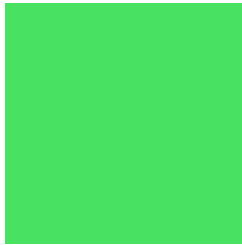
B00092



300028

Previews

White Background



This preview shows how the Hex color 48E162 looks on a white background.

Color Contrast Check

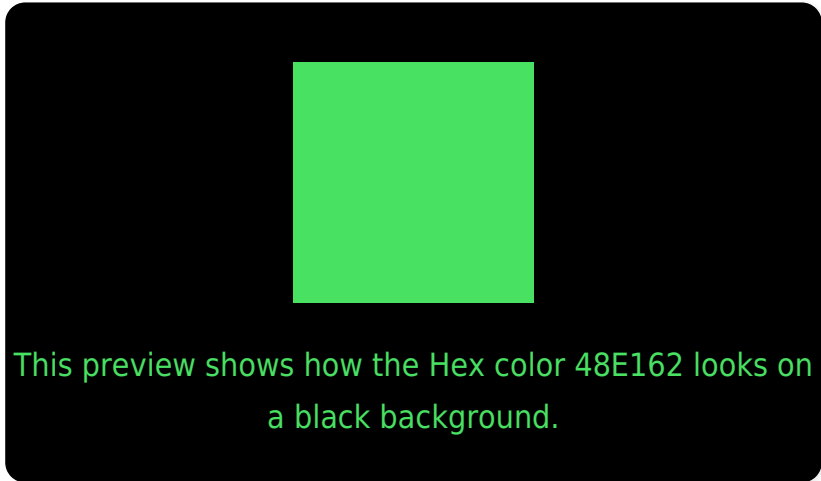
Large Text (above 18pt) WCAG AA × Fail

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

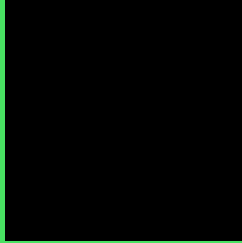
Any Text WCAG AA ✓ Pass

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 48E162 Background



This preview shows how black text looks on a background with the Hex color 48E162.

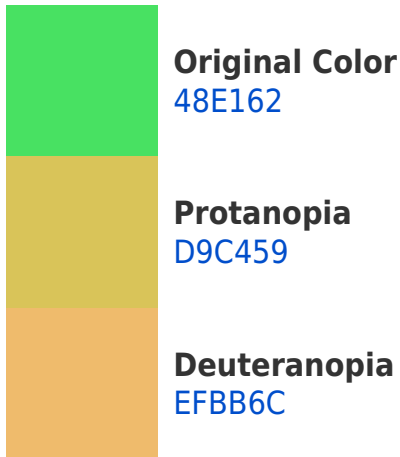


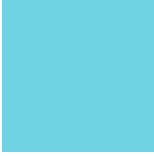
This preview shows how white text looks on a background with the Hex color 48E162.

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
6FD3E4

Trichromacy



Original Color
48E162



Protanomaly
A4CF5C



Deuteranomaly
B2C968



Tritanomaly
61D8B5

Monochromacy



Original Color
48E162



Achromatopsia
A5A5A5



Achromatomaly
83BB8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 48E162 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 #48E162 looks like.

```
.text, #text, p{  
    color:#48E162  
}
```

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 #48E162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E162
}
```

Border

The CSS property to change the border of an element to Hex 48E162 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
#48E162 }
```

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

```
.border{ border-color:#48E162 }
```

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

Here you see how a box with a 4 pixel #48E162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E162; -webkit-box-shadow:4px 4px  
4px 4px #48E162; box-shadow:4px 4px 4px  
4px #48E162 }
```

Background

The CSS property to change the background color of an element to Hex 48E162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E162 }
```

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

```
.background{ background-color:#48E162 }
```

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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