

Converting Colors

Hex(48E662)

Have a look what the booklet for
Hex(48E662) contains.

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Color

Hex(48E662)

Conversions

Conversions Part 1

Format	Color
Hex	48E662
RGB	72, 230, 98
RGB Percent	28%, 90%, 38%
CMY	0.7176, 0.0980, 0.6157
CMYK	0.69, 0.00, 0.57, 0.10
HSL	130°, 76%, 59%
HSV	130°, 69%, 90%
XYZ	33.1739, 58.8532, 21.1666
YIQ	167.7100, -51.7960, -74.5480

Conversions

Conversions Part 2

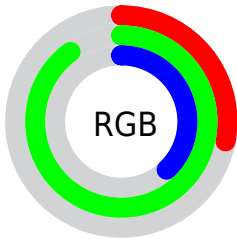
Format	Color
RYB	72, 208, 230
Decimal	4777570
CIELab	81.21, -66.97, 51.75
CIELCh	81, 84.636, 142.309
Yxy	58.8532, 0.2931, 0.5199
Android (android.graphics.Color)	4282967650 (0xFF48E662)
YUV	167.7100, -34.3670, -83.9377
Hunter-Lab	76.7158, -57.0647, 37.3424

Details

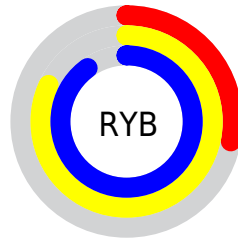
The Hex color **48E662** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **E648CC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8BFF98**, and **00AD2C** is the 20% darker color. If you saturate the color by 10%, you get **31E64F**, and if you desaturate by 10%, it is **5FE675**.

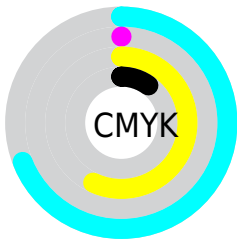
Distribution



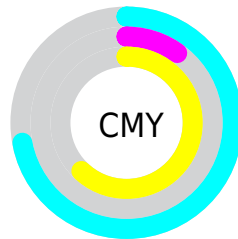
- Red (28%)
- Green (90%)
- Blue (38%)



- Red (28%)
- Yellow (82%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (57%)
- Black (10%)



- Cyan (72%)
- Magenta (10%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48E662 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 48E662 by changing the saturation by 10% instead.

 48E662

 48E662

FFFFFF

 16C947

 8BFF98

 00AD2C

 AAFFB4

 00910A

 C9FFD0

 007700

 E8FFED

 005C00

 004300

 002B00

 000800

 000000

 48E662

 48E662

 31E64F

 5FE675

 1AE63C

 76E688

 03E628

 8DE69C

 00E626

 A4E6AF

 BBE6C2

 D2E6D5

 E9E6E9

 FFE6FC

 FFE6FF

Harmonies

Analogous

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



B7D714



48E662



00EDB2

Triad

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



48E662



00D9FF



FF7F93

Complementary

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



48E662



E648CC

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.



FF7BE2



48E662



9FBDFE

Square

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



48E662



00E9FF



FF99FF



FF9E4B

Rectangle

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



48E662



00EFE9



FF99FF



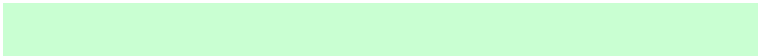
FF79AC

Sweetspot

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



48E662



C9FFD2



CEE648



608065



000000



808080

Same Dimension

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



48E662



2EFF50



48E6AF



677369



00B31D



003308

Inverse Universe

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



E648CC



FF2EDD



E6487F



736771



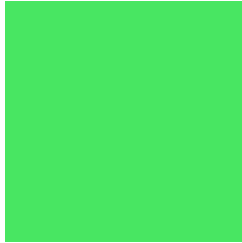
B30095



33002B

Previews

White Background



This preview shows how the Hex color 48E662 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 48E662 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 48E662 Background



This preview shows how black text looks on a background with the Hex color 48E662.

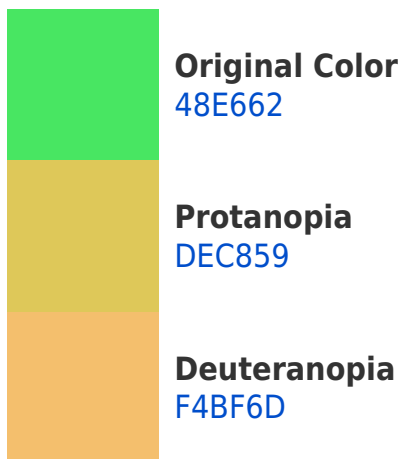


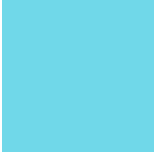
This preview shows how white text looks on a background with the Hex color 48E662.

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
70D8E9

Trichromacy



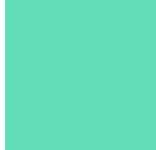
Original Color
48E662



Protanomaly
A7D35C



Deuteranomaly
B5CD69

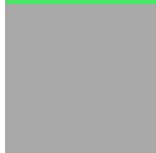


Tritanomaly
61DDB8

Monochromacy



Original Color
48E662



Achromatopsia
A8A8A8



Achromatomaly
85BF8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 48E662 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 #48E662 looks like.

```
.text, #text, p{  
    color:#48E662  
}
```

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 #48E662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E662
}
```

Border

The CSS property to change the border of an element to Hex 48E662 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
#48E662 }
```

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

```
.border{ border-color:#48E662 }
```

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

Here you see how a box with a 4 pixel #48E662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E662; -webkit-box-shadow:4px 4px  
4px 4px #48E662; box-shadow:4px 4px 4px  
4px #48E662 }
```

Background

The CSS property to change the background color of an element to Hex 48E662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E662 }
```

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

```
.background{ background-color:#48E662 }
```

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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