

# Converting Colors

Hex(48A05E)

Have a look what the booklet for  
Hex(48A05E) contains.

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# Color

Hex(48A05E)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 48A05E                       |
| RGB         | 72, 160, 94                  |
| RGB Percent | 28%, 63%, 37%                |
| CMY         | 0.7176, 0.3725, 0.6314       |
| CMYK        | 0.55, 0.00, 0.41, 0.37       |
| HSL         | 135°, 38%, 45%               |
| HSV         | 135°, 55%, 63%               |
| XYZ         | 17.2637, 27.3275, 14.9545    |
| YIQ         | 126.1640, -31.2620, -39.1820 |

# Conversions

## Conversions Part 2

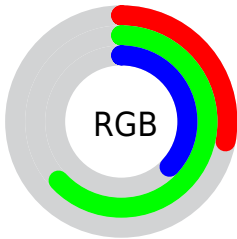
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 72, 142, 160                    |
| Decimal                             | 4759646                         |
| CIELab                              | 59.28, -41.30, 26.60            |
| CIElCh                              | 59, 49.127, 147.221             |
| Yxy                                 | 27.3275, 0.2899,<br>0.4589      |
| Android<br>(android.graphics.Color) | 4282949726<br>(0xFF48A05E)      |
| YUV                                 | 126.1640, -15.8569,<br>-47.5018 |
| Hunter-Lab                          | 52.2757, -32.5341,<br>19.6319   |

# Details

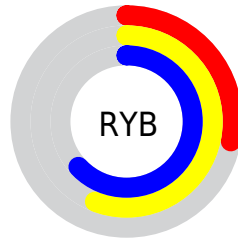
The Hex color **48A05E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A0488A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7FD791**, and **006C2E** is the 20% darker color. If you saturate the color by 10%, you get **38A052**, and if you desaturate by 10%, it is **58A06A**.

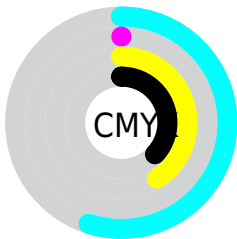
# Distribution



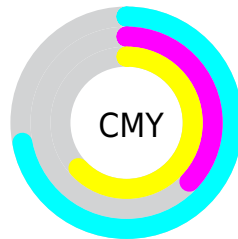
- Red (28%)
- Green (63%)
- Blue (37%)



- Red (28%)
- Yellow (56%)
- Blue (63%)



- Cyan (55%)
- Magenta (0%)
- Yellow (41%)
- Black (37%)



- Cyan (72%)
- Magenta (37%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48A05E 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 48A05E by changing the saturation by 10% instead.





48A05E



48A05E

FFFFFF



2B8546



7FD791



006C2E



9BF4AC



005318



B7FFC7



003A00



D4FFE4



002600



F1FFFF



000000



48A05E



48A05E



38A052



58A06A




28A046



68A076

 18A03A

 78A082

 08A02E

 88A08E

 00A028

 98A09A

 A8A0A6

 B8A0B2

 C8A0BE

 D8A0CA

# Harmonies

## Analogous

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



80983E



48A05E



00A489

# Triad

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



48A05E



2195E5



DD6D6A

# Complementary

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



48A05E



A0488A

# 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.



DB6995



48A05E



8A85DC

# Square

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



48A05E



009FD6



C074BE



CB7B47

# Rectangle

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



48A05E



00A4A7



C074BE



DF6A77



# Sweetspot

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



48A05E



AED1B6



8AA048



546959



E8E8E8



696969



# Same Dimension

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



48A05E



47D16A



48A08A



474F49



008F24



000F04



# Inverse Universe

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



A0488A



D147AF



A0485E



4F474D



8F006B



0F000B



# Previews

## White Background



This preview shows how the Hex color 48A05E looks on a white background.

## Color Contrast Check

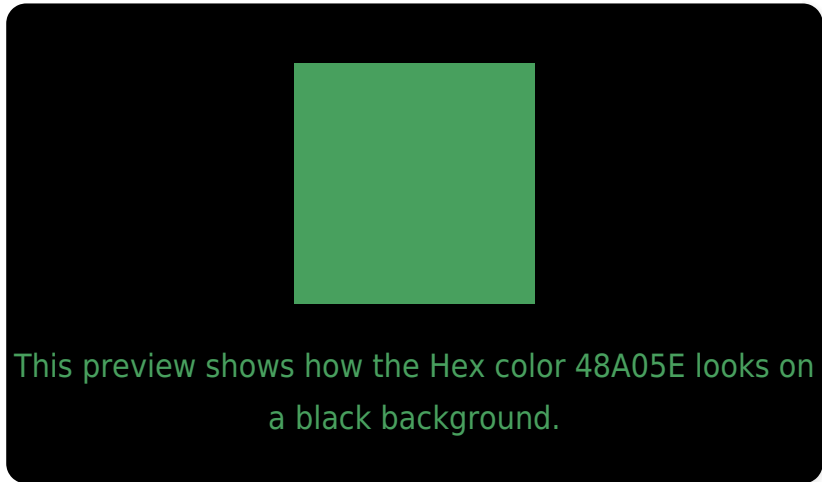
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 48A05E Background



This preview shows how black text looks on a background with the Hex color 48A05E.

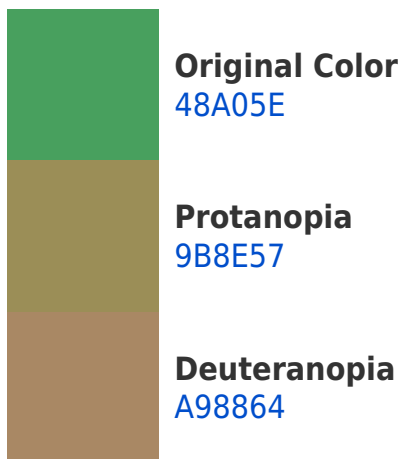


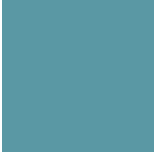
This preview shows how white text looks on a background with the Hex color 48A05E.

# 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](#).

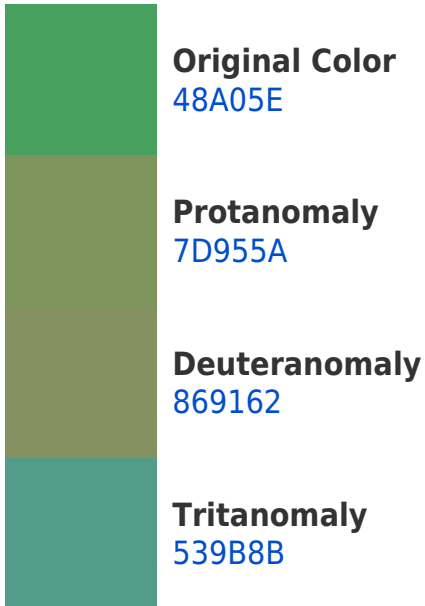
## Dichromacy



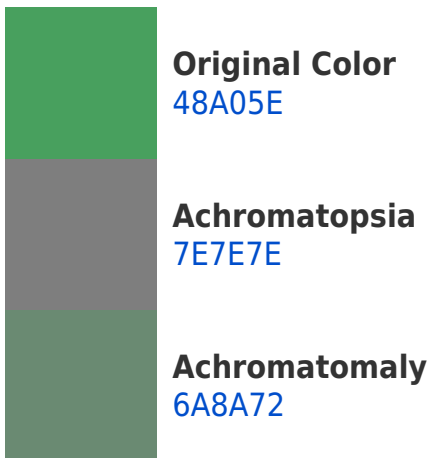


**Tritanopia**  
5A98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48A05E 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 #48A05E looks like.

```
.text, #text, p{  
    color:#48A05E  
}
```

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 #48A05E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A05E
}
```

## Border

The CSS property to change the border of an element to Hex 48A05E 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
#48A05E }
```

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

```
.border{ border-color:#48A05E }
```

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

Here you see how a box with a 4 pixel #48A05E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A05E; -webkit-box-shadow:4px 4px  
4px 4px #48A05E; box-shadow:4px 4px 4px  
4px #48A05E }
```

# Background

The CSS property to change the background color of an element to Hex 48A05E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A05E }
```

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

```
.background{ background-color:#48A05E }
```

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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