

# Converting Colors

Hex(44AB4E)

Have a look what the booklet for  
Hex(44AB4E) contains.

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# **Color**

**Hex(44AB4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44AB4E
RGB	68, 171, 78
RGB Percent	27%, 67%, 31%
CMY	0.7333, 0.3294, 0.6941
CMYK	0.60, 0.00, 0.54, 0.33
HSL	126°, 43%, 47%
HSV	126°, 60%, 67%
XYZ	18.3220, 30.9048, 12.2073
YIQ	129.6010, -31.5350, -50.7590

# Conversions

## Conversions Part 2

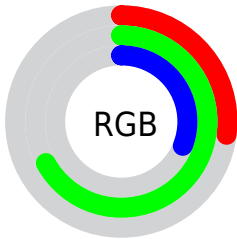
Format	Color
<a href="#">RYB</a>	<a href="#">68, 162, 171</a>
Decimal	<a href="#">4500302</a>
CIELab	<a href="#">62.43, -49.21, 38.78</a>
CIELCh	<a href="#">62, 62.658, 141.762</a>
Yxy	<a href="#">30.9048, 0.2982, 0.5031</a>
Android (android.graphics.Color)	<a href="#">4282690382</a> ( <a href="#">0xFF44AB4E</a> )
YUV	<a href="#">129.6010, -25.4393, -54.0241</a>
Hunter-Lab	<a href="#">55.5921, -38.4565, 25.8952</a>

# Details

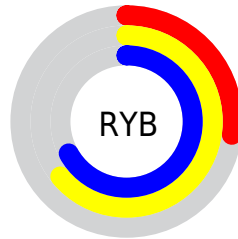
The Hex color **44AB4E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AB44A1**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7EE381**, and **00761C** is the 20% darker color. If you saturate the color by 10%, you get **33AB3F**, and if you desaturate by 10%, it is **55AB5D**.

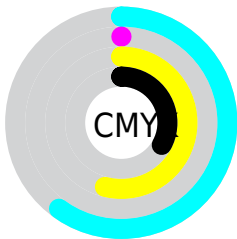
# Distribution



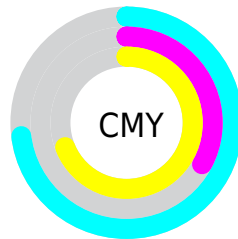
- Red (27%)
- Green (67%)
- Blue (31%)



- Red (27%)
- Yellow (64%)
- Blue (67%)



- Cyan (60%)
- Magenta (0%)
- Yellow (54%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44AB4E 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 44AB4E by changing the saturation by 10% instead.



 44AB4E

 44AB4E

FFFFFF

 229035

 7EE381

 00761C

 9AFF9C

 005C00

 B7FFB7

 004300

 D4FFD3

 002D00

 F2FFF0

 001000

 000000

 44AB4E

 44AB4E

 33AB3F

 55AB5D

 22AB2F

 66AB6D

 11AB20

 77AB7C

 00AB11

 88AB8C

 99AB9B

 ABABAB

 BCABBA

 CDABCA

 DEABD9

# Harmonies

## Analogous

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



8CA022



44AB4E



00B085

# Triad

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



44AB4E



00A2FF



FB6571

# Complementary

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



44AB4E



AB44A1

# 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.



F363A9



44AB4E



7A8FFF

# Square

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



44AB4E



00ADED



CB76DD



E77840

# Rectangle

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



44AB4E



00B1AC



CB76DD



FC6183



# Sweetspot

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



44AB4E



B6DEBA



A2AB44



58705A



F0F0F0



707070



# Same Dimension

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



44AB4E



3EDE4E



44AB80



4E574F



00960F



001702



# Inverse Universe

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



AB44A1



DE3ECE



AB446F



574E56



960088



170015



# Previews

## White Background



This preview shows how the Hex color 44AB4E looks on a white background.

## Color Contrast Check

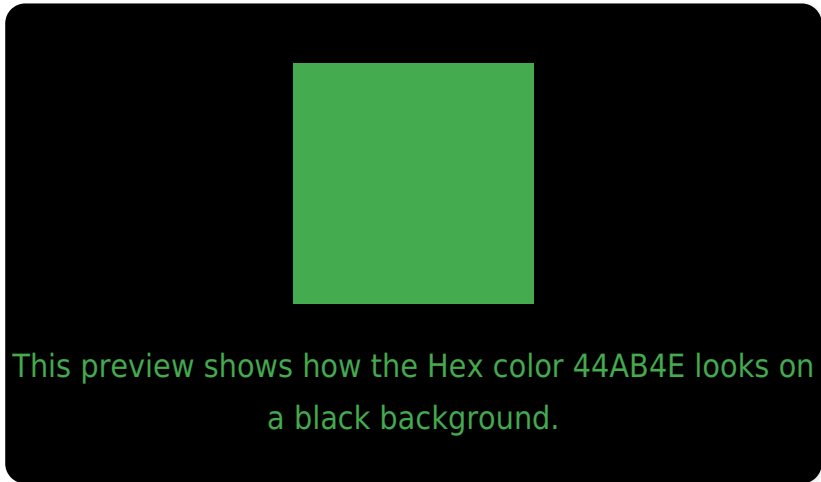
Large Text (above 18pt) WCAG AA × Fail

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 44AB4E Background



This preview shows how black text looks on a background with the Hex color 44AB4E.

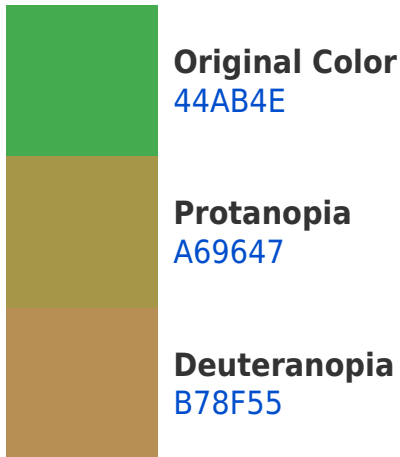


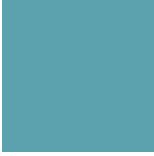
This preview shows how white text looks on a background with the Hex color 44AB4E.

# Color Blindness Simulation

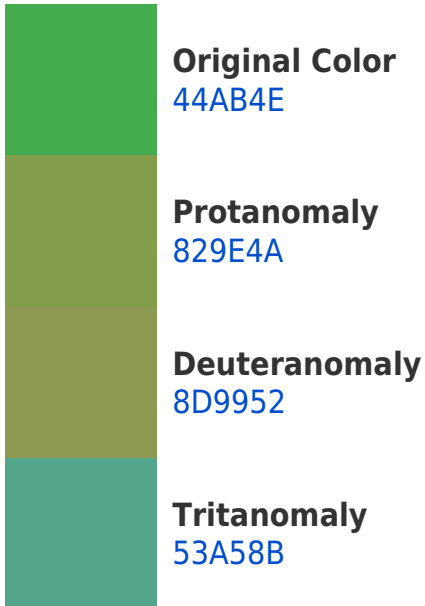
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

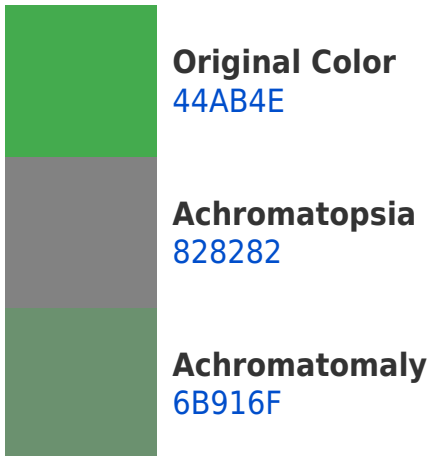




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44AB4E 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 #44AB4E looks like.

```
.text, #text, p{  
    color:#44AB4E  
}
```

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 #44AB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AB4E
}
```

## Border

The CSS property to change the border of an element to Hex 44AB4E 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
#44AB4E }
```

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

```
.border{ border-color:#44AB4E }
```

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

Here you see how a box with a 4 pixel #44AB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AB4E; -webkit-box-shadow:4px 4px  
4px 4px #44AB4E; box-shadow:4px 4px 4px  
4px #44AB4E }
```

# Background

The CSS property to change the background color of an element to Hex 44AB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AB4E }
```

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

```
.background{ background-color:#44AB4E }
```

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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