

Converting Colors

Hex(44AE4B)

Have a look what the booklet for
Hex(44AE4B) contains.

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Color

Hex(44AE4B)

Conversions

Conversions Part 1

Format	Color
Hex	44AE4B
RGB	68, 174, 75
RGB Percent	27%, 68%, 29%
CMY	0.7333, 0.3176, 0.7059
CMYK	0.61, 0.00, 0.57, 0.32
HSL	124°, 44%, 47%
HSV	124°, 61%, 68%
XYZ	18.7899, 32.0090, 11.8446
YIQ	131.0200, -31.3970, -53.2610

Conversions

Conversions Part 2

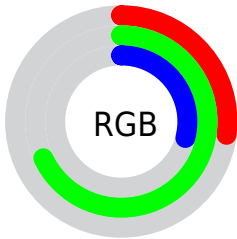
Format	Color
RYB	68, 167, 174
Decimal	4501067
CIELab	63.35, -50.76, 41.34
CIELCh	63, 65.459, 140.839
Yxy	32.0090, 0.2999, 0.5110
Android (android.graphics.Color)	4282691147 (0xFF44AE4B)
YUV	131.0200, -27.6179, -55.2685
Hunter-Lab	56.5765, -39.7263, 27.1909

Details

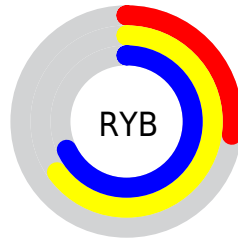
The Hex color **44AE4B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AE44A7**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7FE67E**, and **007818** is the 20% darker color. If you saturate the color by 10%, you get **33AE3B**, and if you desaturate by 10%, it is **55AE5B**.

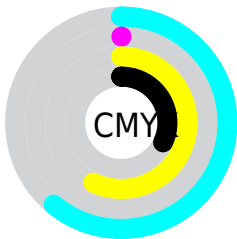
Distribution



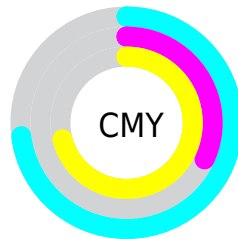
- Red (27%)
- Green (68%)
- Blue (29%)



- Red (27%)
- Yellow (65%)
- Blue (68%)



- Cyan (61%)
- Magenta (0%)
- Yellow (57%)
- Black (32%)



- Cyan (73%)
- Magenta (32%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44AE4B 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 44AE4B by changing the saturation by 10% instead.

 44AE4B

 44AE4B

FFFFFF

 229332

 7FE67E

 007818

 9BFF99

 005F00

 B8FFB5

 004600

 D6FFD1

 002F00

 F3FFED

 001400

 000000

 44AE4B

 44AE4B

 33AE3B

 55AE5B

 21AE2A

 67AE6C

 10AE1A

 78AE7C

 00AE0B

 8AAE8C

 9BAE9C

 ACAEAD

 BEAEBD

 CFAECD

 E1AEDD

Harmonies

Analogous

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



8FA31B



44AE4B



00B485

Triad

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



44AE4B



00A5FF



FF6373

Complementary

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



44AE4B



AE44A7

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.



F962AE



44AE4B



7691FF

Square

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



44AE4B



00B1F3



CE77E4



EE783F

Rectangle

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



44AE4B



00B5AE



CE77E4



FF6087

Sweetspot

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



44AE4B



BAE3BD



A9AE44



5A735B



F2F2F2



737373

Same Dimension

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



44AE4B



3DE348



44AE7E



4E574F



00960A



001702

Inverse Universe

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



AE44A7



E33DD8



AE4474



574E56



96008D



170015

Previews

White Background



This preview shows how the Hex color 44AE4B looks on a white background.

Color Contrast Check

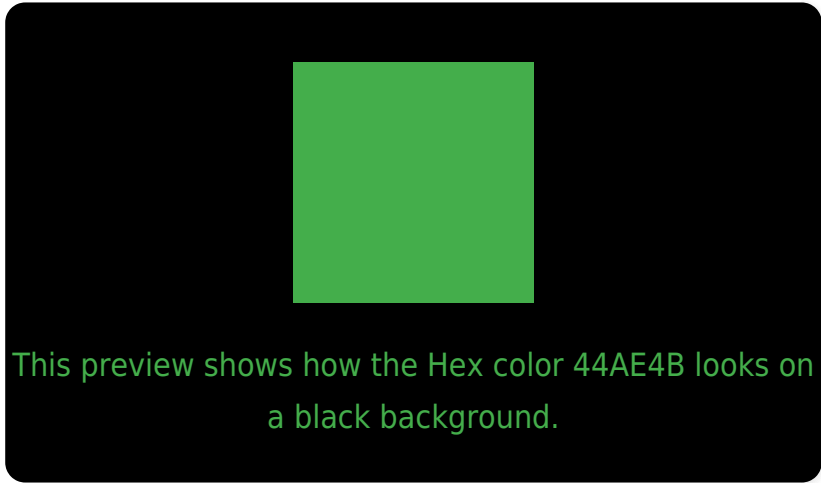
Large Text (above 18pt) WCAG AA × Fail

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

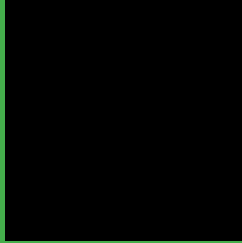
Any Text WCAG AA ✓ Pass

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 44AE4B Background



This preview shows how black text looks on a background with the Hex color 44AE4B.

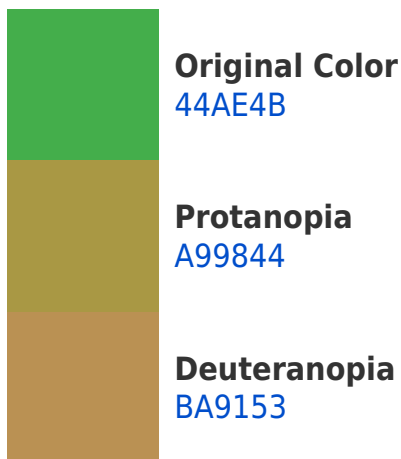


This preview shows how white text looks on a background with the Hex color 44AE4B.

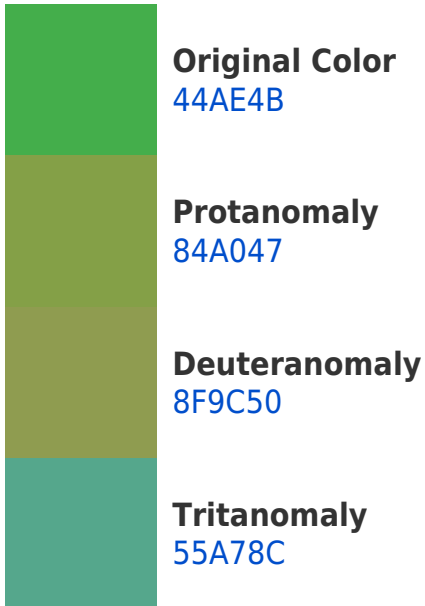
Color Blindness Simulation

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](#).

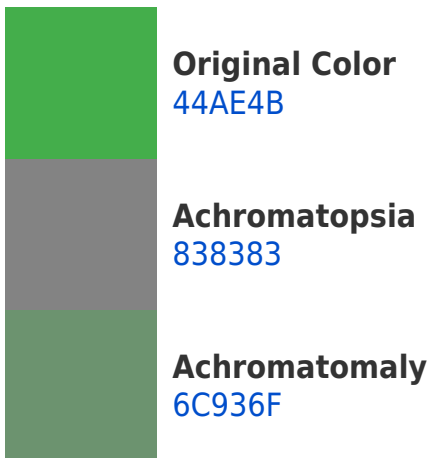
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44AE4B 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 #44AE4B looks like.

```
.text, #text, p{  
    color:#44AE4B  
}
```

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 #44AE4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AE4B
}
```

Border

The CSS property to change the border of an element to Hex 44AE4B 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
#44AE4B }
```

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

```
.border{ border-color:#44AE4B }
```

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

Here you see how a box with a 4 pixel #44AE4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AE4B; -webkit-box-shadow:4px 4px  
4px 4px #44AE4B; box-shadow:4px 4px 4px  
4px #44AE4B }
```

Background

The CSS property to change the background color of an element to Hex 44AE4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AE4B }
```

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

```
.background{ background-color:#44AE4B }
```

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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