

Converting Colors

Hex(44AC5B)

Have a look what the booklet for
Hex(44AC5B) contains.

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Color

Hex(44AC5B)

Conversions

Conversions Part 1

Format	Color
Hex	44AC5B
RGB	68, 172, 91
RGB Percent	27%, 67%, 36%
CMY	0.7333, 0.3255, 0.6431
CMYK	0.60, 0.00, 0.47, 0.33
HSL	133°, 43%, 47%
HSV	133°, 60%, 67%
XYZ	19.0247, 31.4893, 14.9729
YIQ	131.6700, -35.9830, -47.2390

Conversions

Conversions Part 2

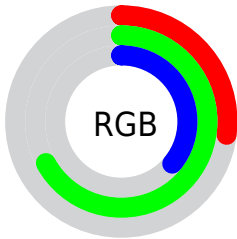
Format	Color
RYB	68, 153, 172
Decimal	4500571
CIELab	62.92, -47.69, 32.84
CIELCh	63, 57.897, 145.450
Yxy	31.4893, 0.2905, 0.4808
Android (android.graphics.Color)	4282690651 (0xFF44AC5B)
YUV	131.6700, -20.0503, -55.8386
Hunter-Lab	56.1153, -37.6851, 23.4608

Details

The Hex color **44AC5B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AC4495**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7EE48E**, and **00772B** is the 20% darker color. If you saturate the color by 10%, you get **33AC4E**, and if you desaturate by 10%, it is **55AC68**.

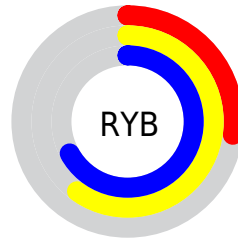
Distribution



Red (27%)

Green (67%)

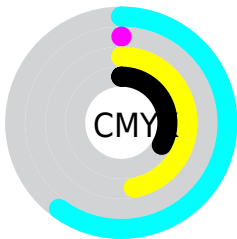
Blue (36%)



Red (27%)

Yellow (60%)

Blue (67%)

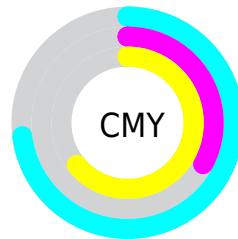


Cyan (60%)

Magenta (0%)

Yellow (47%)

Black (33%)



Cyan (73%)

Magenta (33%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44AC5B 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 44AC5B by changing the saturation by 10% instead.

 44AC5B

 44AC5B

FFFFFF

 239142

 7EE48E

 00772B

 9AFFA9

 005D12

 B7FFC5

 004400

 D4FFE1

 002E00

 F2FFFE

 001200

 000000

 44AC5B

 44AC5B

 33AC4E

 55AC68

 22AC40

 66AC76

 10AC33

 78AC83

 00AC26

 89AC91

 9AAC9E

 ABACAB

 BCACB9

 CEACC6

 DFACD4

Harmonies

Analogous

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



89A233



44AC5B



00B18E

Triad

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



44AC5B



00A0FF



F56D6F

Complementary

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



44AC5B



AC4495

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.



F169A2



44AC5B



8C8EF6

Square

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



44AC5B



00ACEC



CF78D3



E07F44

Rectangle

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



44AC5B



00B1B2



CF78D3



F76A80

Sweetspot

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



44AC5B



B8E0C1



95AC44



58705D



F0F0F0



707070

Same Dimension

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



44AC5B



3DE061



44AC8F



4E5750



009621



001705

Inverse Universe

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



AC4495



E03DBC



AC4461



574E55



960075



170012

Previews

White Background



This preview shows how the Hex color 44AC5B looks on a white background.

Color Contrast Check

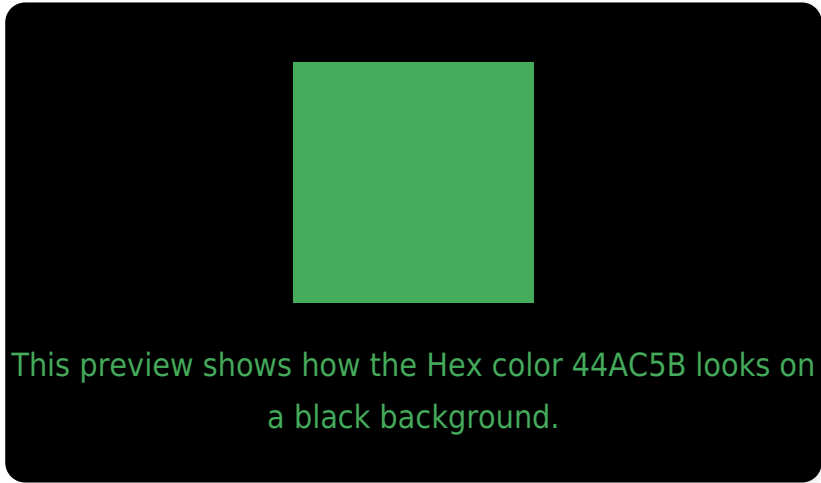
Large Text (above 18pt) WCAG AA × Fail

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 44AC5B Background



This preview shows how black text looks on a background with the Hex color 44AC5B.

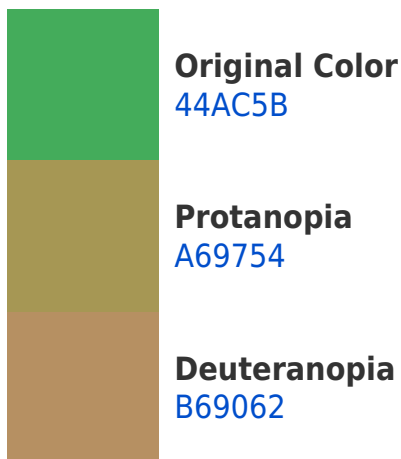


This preview shows how white text looks on a background with the Hex color 44AC5B.

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](#).

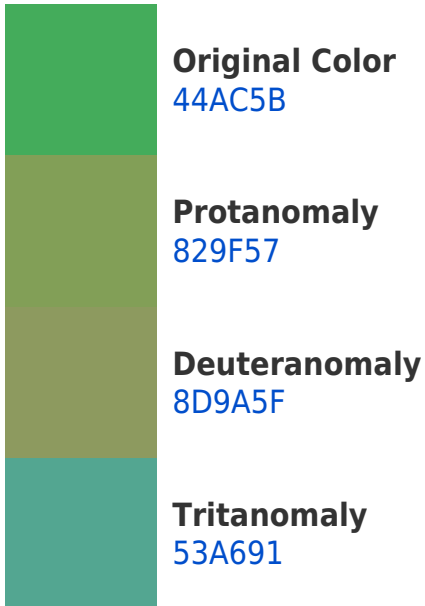
Dichromacy



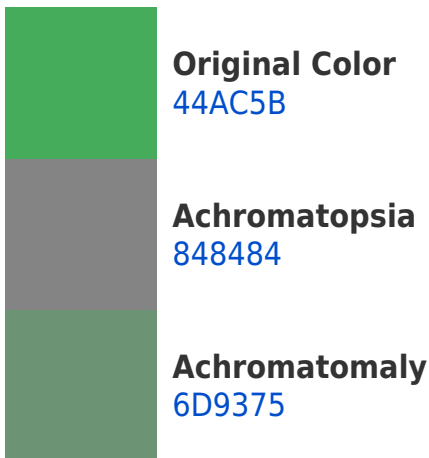


Tritanopia
5BA2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44AC5B 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 #44AC5B looks like.

```
.text, #text, p{  
    color:#44AC5B  
}
```

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 #44AC5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AC5B
}
```

Border

The CSS property to change the border of an element to Hex 44AC5B 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
#44AC5B }
```

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

```
.border{ border-color:#44AC5B }
```

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

Here you see how a box with a 4 pixel #44AC5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AC5B; -webkit-box-shadow:4px 4px  
4px 4px #44AC5B; box-shadow:4px 4px 4px  
4px #44AC5B }
```

Background

The CSS property to change the background color of an element to Hex 44AC5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AC5B }
```

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

```
.background{ background-color:#44AC5B }
```

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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