

Converting Colors

Hex(44BB5A)

Have a look what the booklet for
Hex(44BB5A) contains.

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Color

Hex(44BB5A)

Conversions

Conversions Part 1

Format	Color
Hex	44BB5A
RGB	68, 187, 90
RGB Percent	27%, 73%, 35%
CMY	0.7333, 0.2667, 0.6471
CMYK	0.64, 0.00, 0.52, 0.27
HSL	131°, 47%, 50%
HSV	131°, 64%, 73%
XYZ	21.9997, 37.5078, 15.7531
YIQ	140.3610, -39.7870, -55.3950

Conversions

Conversions Part 2

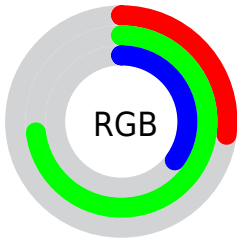
Format	Color
RYB	68, 168, 187
Decimal	4504410
CIELab	67.66, -53.59, 39.24
CIELCh	68, 66.424, 143.789
Yxy	37.5078, 0.2923, 0.4984
Android (android.graphics.Color)	4282694490 (0xFF44BB5A)
YUV	140.3610, -24.8280, -63.4606
Hunter-Lab	61.2436, -43.0562, 27.6199

Details

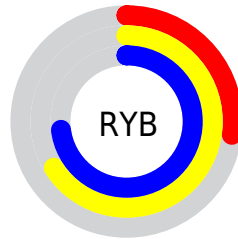
The Hex color **44BB5A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BB44A5**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **80F48E**, and **008528** is the 20% darker color. If you saturate the color by 10%, you get **31BB4B**, and if you desaturate by 10%, it is **57BB69**.

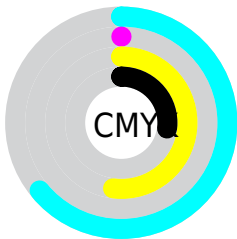
Distribution



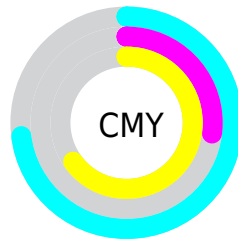
- Red (27%)
- Green (73%)
- Blue (35%)



- Red (27%)
- Yellow (66%)
- Blue (73%)



- Cyan (64%)
- Magenta (0%)
- Yellow (52%)
- Black (27%)



- Cyan (73%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BB5A 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 44BB5A by changing the saturation by 10% instead.

 44BB5A

 44BB5A

FFFFFF

 1F9F41

 80F48E

 008528

 9DFFA9

 006A0D

 BBFFC5

 005100

 D8FFE1

 003900

 F6FFFE

 002200

 000000

 44BB5A

 44BB5A

 31BB4B

 57BB69

 1FBB3C

 69BB78

 0CBB2C

 7CBB88

 00BB23

 8FBB97

 A2BBA6

 B4BBB5

 C7BBC5

 DABBD4

 ECBBE3

Harmonies

Analogous

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



95B02A



44BB5A



00C096

Triad

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



44BB5A



00AFFF



FF7078

Complementary

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



44BB5A



BB44A5

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.



FF6CB4



44BB5A



8E9AFF

Square

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



44BB5A



00BCFF



E180EC



F98644

Rectangle

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



44BB5A



00C1C0



E180EC



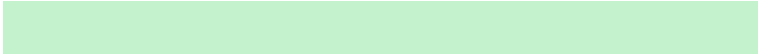
FF6C8C

Sweetspot

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



44BB5A



C4F2CD



A5BB44



5E7A63



FAFAFA



7A7A7A

Same Dimension

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



44BB5A



3AF25C



44BB95



555E57



009E1D



001F06

Inverse Universe

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



BB44A5



F23AD0



BB446A



5E555D



9E0081



1F0019

Previews

White Background



This preview shows how the Hex color 44BB5A looks on a white background.

Color Contrast Check

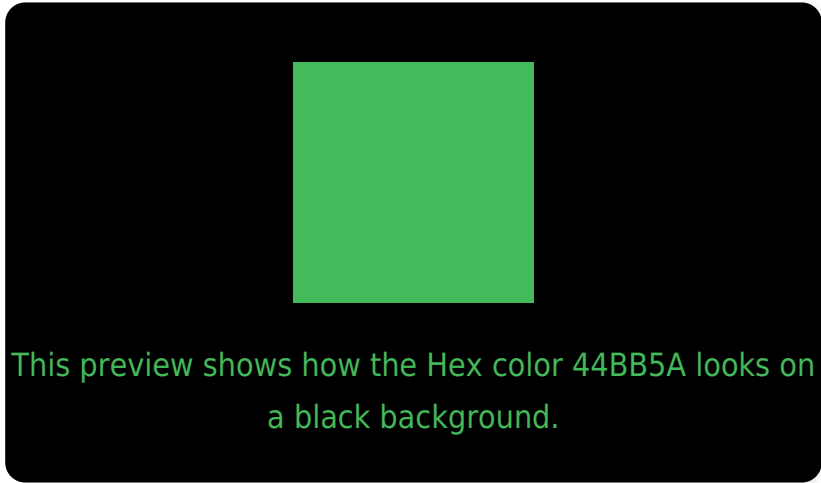
Large Text (above 18pt) WCAG AA × Fail

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

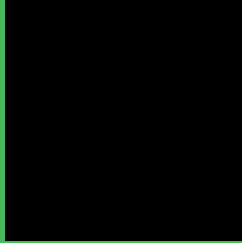
Any Text WCAG AA ✓ Pass

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 44BB5A Background



This preview shows how black text looks on a background with the Hex color 44BB5A.

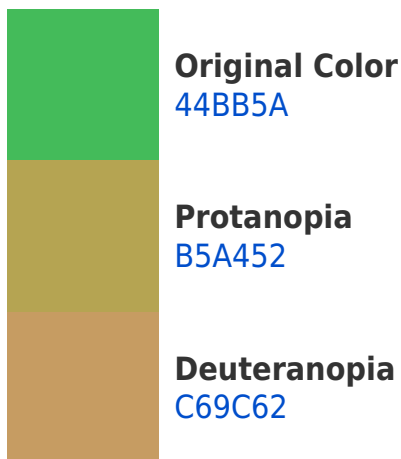


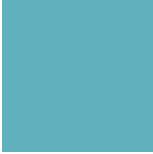
This preview shows how white text looks on a background with the Hex color 44BB5A.

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](#).

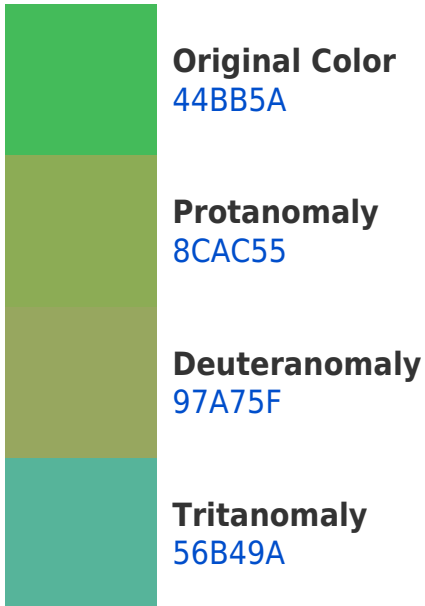
Dichromacy



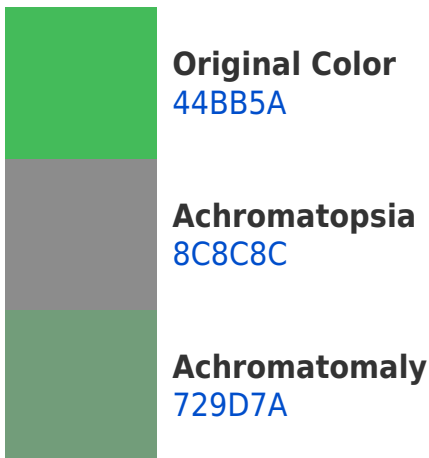


Tritanopia
60B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44BB5A 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 #44BB5A looks like.

```
.text, #text, p{  
    color:#44BB5A  
}
```

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 #44BB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BB5A
}
```

Border

The CSS property to change the border of an element to Hex 44BB5A 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
#44BB5A }
```

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

```
.border{ border-color:#44BB5A }
```

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

Here you see how a box with a 4 pixel #44BB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BB5A; -webkit-box-shadow:4px 4px  
4px 4px #44BB5A; box-shadow:4px 4px 4px  
4px #44BB5A }
```

Background

The CSS property to change the background color of an element to Hex 44BB5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BB5A }
```

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

```
.background{ background-color:#44BB5A }
```

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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