

Converting Colors

Hex(43AA60)

Have a look what the booklet for
Hex(43AA60) contains.

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Color

Hex(43AA60)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 43AA60 |
| RGB | 67, 170, 96 |
| RGB Percent | 26%, 67%, 38% |
| CMY | 0.7373, 0.3333, 0.6235 |
| CMYK | 0.61, 0.00, 0.44, 0.33 |
| HSL | 137°, 43%, 46% |
| HSV | 137°, 61%, 67% |
| XYZ | 18.8008, 30.7873, 16.0180 |
| YIQ | 130.7670, -37.6340, -44.8500 |

Conversions

Conversions Part 2

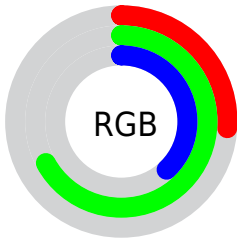
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 67, 147, 170 |
| Decimal | 4434528 |
| CIELab | 62.33, -46.29, 29.47 |
| CIELCh | 62, 54.875, 147.520 |
| Yxy | 30.7873, 0.2866, 0.4693 |
| Android (android.graphics.Color) | 4282624608 (0xFF43AA60) |
| YUV | 130.7670, -17.1401, -55.9237 |
| Hunter-Lab | 55.4863, -36.6186, 21.7244 |

Details

The Hex color **43AA60** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA438D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7CE293**, and **007530** is the 20% darker color. If you saturate the color by 10%, you get **32AA54**, and if you desaturate by 10%, it is **54AA6C**.

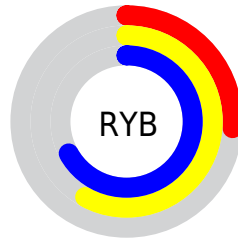
Distribution



Red (26%)

Green (67%)

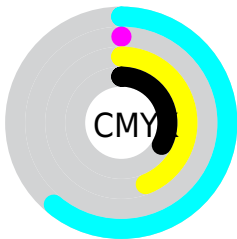
Blue (38%)



Red (26%)

Yellow (58%)

Blue (67%)

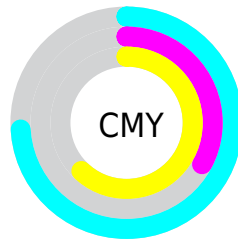


Cyan (61%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (74%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43AA60 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 43AA60 by changing the saturation by 10% instead.

 43AA60

 43AA60

FFFFFF

 228F48

 7CE293

 007530

 99FFAE

 005B19

 B6FFCA

 004300

 D3FFE6

 002C00

 F0FFFF

 000F00

 000000

 43AA60

 43AA60

 32AA54

 54AA6C

■ 21AA48

■ 65AA78

■ 10AA3B

■ 76AA85

■ 00AA30

■ 87AA91

■ 98AA9D

■ A9AAA9

■ BAAAB5

■ CBAAC2

■ DCAACE

Harmonies

Analogous

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



85A13A



43AA60



00AE91

Triad

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



43AA60



009DF8



EE6F6D

Complementary

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



43AA60



AA438D

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.



EC6B9D



43AA60



918BED

Square

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



43AA60



00A9E8



CE77CC



DA8045

Rectangle

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



43AA60



00AFB2



CE77CC



F06C7C

Sweetspot

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



43AA60



B6DEC1



8FAA43



58705E



F0F0F0



707070

Same Dimension

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



43AA60



3CDE69



43AA92



4C544E



00942A



001406

Inverse Universe

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



AA438D



DE3CB0



AA435B



544C52



94006A



14000F

Previews

White Background



This preview shows how the Hex color 43AA60 looks on a white background.

Color Contrast Check

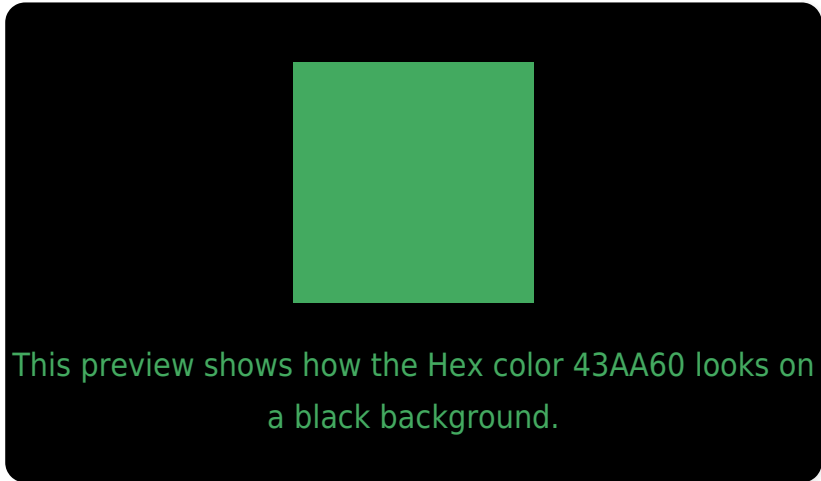
Large Text (above 18pt) WCAG AA × Fail

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

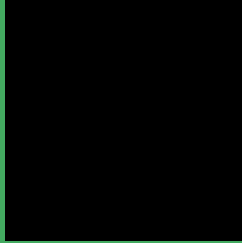
Any Text WCAG AA ✓ Pass

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 43AA60 Background



This preview shows how black text looks on a background with the Hex color 43AA60.



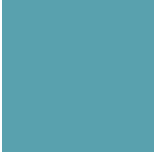
This preview shows how white text looks on a background with the Hex color 43AA60.

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
59A1AE

Trichromacy



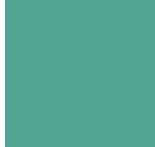
Original Color
43AA60



Protanomaly
819D5B



Deuteranomaly
8A9964



Tritanomaly
51A492

Monochromacy



Original Color
43AA60



Achromatopsia
838383



Achromatomaly
6C9176

CSS Examples

Text

The CSS property to change the color of the text to Hex 43AA60 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 #43AA60 looks like.

```
.text, #text, p{  
    color:#43AA60  
}
```

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 #43AA60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43AA60
}
```

Border

The CSS property to change the border of an element to Hex 43AA60 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
#43AA60 }
```

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

```
.border{ border-color:#43AA60 }
```

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

Here you see how a box with a 4 pixel #43AA60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43AA60; -webkit-box-shadow:4px 4px  
4px 4px #43AA60; box-shadow:4px 4px 4px  
4px #43AA60 }
```

Background

The CSS property to change the background color of an element to Hex 43AA60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43AA60 }
```

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

```
.background{ background-color:#43AA60 }
```

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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