

# Converting Colors

Hex(43A538)

Have a look what the booklet for  
Hex(43A538) contains.

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**Color**

**Hex(43A538)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43A538
RGB	67, 165, 56
RGB Percent	26%, 65%, 22%
CMY	0.7373, 0.3529, 0.7804
CMYK	0.59, 0.00, 0.66, 0.35
HSL	114°, 49%, 43%
HSV	114°, 66%, 65%
XYZ	16.4837, 28.3891, 8.3522
YIQ	123.2720, -23.4190, -54.6750

# Conversions

## Conversions Part 2

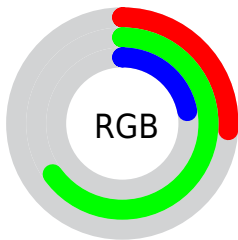
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 165, 154
Decimal	4433208
CIELab	60.24, -49.78, 46.47
CIELCh	60, 68.100, 136.973
Yxy	28.3891, 0.3097, 0.5334
Android (android.graphics.Color)	4282623288 (0xFF43A538)
YUV	123.2720, -33.1651, -49.3505
Hunter-Lab	53.2814, -38.0199, 28.0029

# Details

The Hex color **43A538** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A38A5**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7DDD6C**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **34A527**, and if you desaturate by 10%, it is **52A548**.

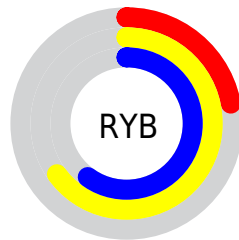
# Distribution



Red (26%)

Green (65%)

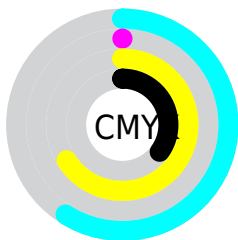
Blue (22%)



Red (22%)

Yellow (65%)

Blue (60%)

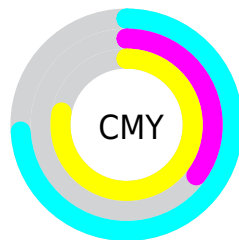


Cyan (59%)

Magenta (0%)

Yellow (66%)

Black (35%)



Cyan (74%)

Magenta (35%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43A538 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 43A538 by changing the saturation by 10% instead.





43A538



43A538

FFFFFF



218A1D



7DDD6C



007000



9AFA86



005700



B6FFA1



003E00



D4FFBD



002900



F1FFDA



000200



FFFFFF6



000000



43A538



43A538



34A527



52A548

 25A517

 61A559

 16A507

 70A56A

 11A500

 7EA57A

 8DA58B

 9CA59B

 ABA5AB

 BAA5BC

 C9A5CC

# Harmonies

## Analogous

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



8E9900



43A538



00AB74

# Triad

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



43A538



00A0FF



FC5572

# Complementary

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



43A538



9A38A5

# 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.



EF58AE



43A538



558CFF

# Square

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



43A538



00AAE8



BE71E4



EB6B3A

# Rectangle

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



43A538



00AD9E



BE71E4



FC5286



# Sweetspot

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



43A538



B0D6AB



A59838



546B51



EBEBEB



6B6B6B



# Same Dimension

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



43A538



3ED62D



38A562



4A5249



0F9100



021200



# Inverse Universe

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



9A38A5



C52DD6



A5387B



514952



830091



100012



# Previews

## White Background



This preview shows how the Hex color 43A538 looks on a white background.

## Color Contrast Check

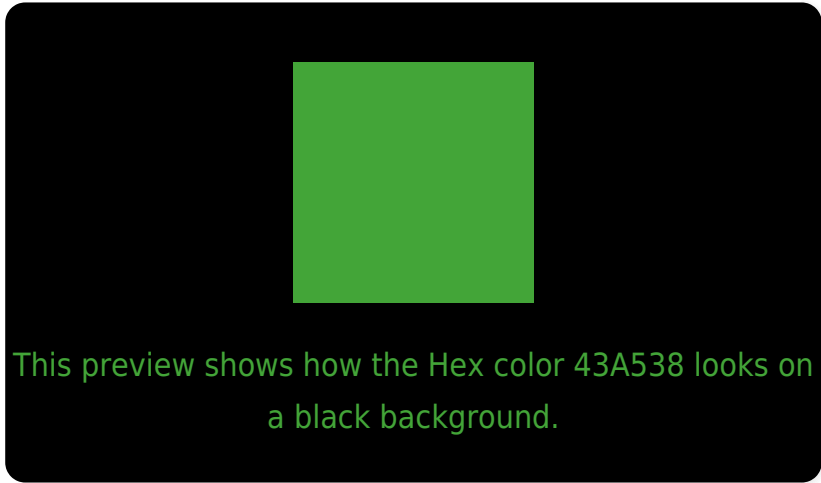
Large Text (above 18pt) WCAG AA ✓ Pass

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

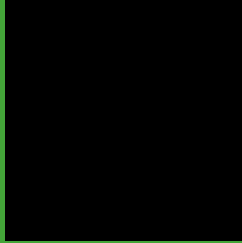
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 43A538 Background



This preview shows how black text looks on a background with the Hex color 43A538.



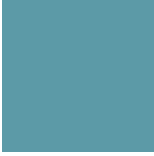
This preview shows how white text looks on a background with the Hex color 43A538.

# 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**  
5C9AA7

# Trichromacy



**Original Color**  
43A538



**Protanomaly**  
7F9834



**Deuteranomaly**  
8A933E



**Tritanomaly**  
539E7F

# Monochromacy



**Original Color**  
43A538



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
678A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43A538 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 #43A538 looks like.

```
.text, #text, p{  
    color:#43A538  
}
```

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 #43A538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43A538
}
```

## Border

The CSS property to change the border of an element to Hex 43A538 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
#43A538 }
```

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

```
.border{ border-color:#43A538 }
```

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

Here you see how a box with a 4 pixel #43A538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43A538; -webkit-box-shadow:4px 4px  
4px 4px #43A538; box-shadow:4px 4px 4px  
4px #43A538 }
```

# Background

The CSS property to change the background color of an element to Hex 43A538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43A538 }
```

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

```
.background{ background-color:#43A538 }
```

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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