

Converting Colors

Hex(43BD15)

Have a look what the booklet for
Hex(43BD15) contains.

Hex(43BD15)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(43BD15)

Conversions

Conversions Part 1

Format	Color
Hex	43BD15
RGB	67, 189, 21
RGB Percent	26%, 74%, 8%
CMY	0.7373, 0.2588, 0.9176
CMYK	0.65, 0.00, 0.89, 0.26
HSL	104°, 80%, 41%
HSV	104°, 89%, 74%
XYZ	20.6477, 37.6426, 6.8870
YIQ	133.3700, -18.7840, -78.1120

Conversions

Conversions Part 2

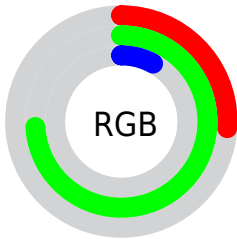
Format	Color
R _Y B	21, 189, 143
Decimal	4439317
CIE Lab	67.76, -60.45, 64.72
CIE LCh	68, 88.559, 133.045
Yxy	37.6426, 0.3168, 0.5775
Android (android.graphics.Color)	4282629397 (0xFF43BD15)
YUV	133.3700, -55.3984, -58.2065
Hunter-Lab	61.3536, -47.2971, 36.2922

Details

The Hex color **43BD15** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8F15BD**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **82F656**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **35BD02**, and if you desaturate by 10%, it is **51BD28**.

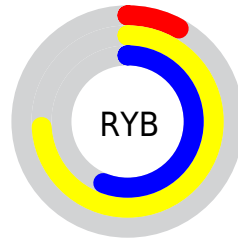
Distribution



Red (26%)

Green (74%)

Blue (8%)



Red (8%)

Yellow (74%)

Blue (56%)

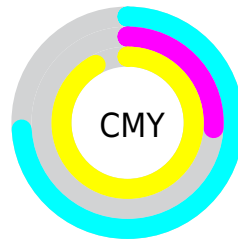


Cyan (65%)

Magenta (0%)

Yellow (89%)

Black (26%)



Cyan (74%)

Magenta (26%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43BD15 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 43BD15 by changing the saturation by 10% instead.

 43BD15

 43BD15

FFFFFF

 18A100

 82F656

 008600

 A0FF72

 006C00

 BEFF8E

 005200

 DDFFAA

 003A00

 FBFFC7

 002200

 FFFFE4

 000000

 43BD15

 43BD15

 35BD02

 51BD28

 34BD00

 5EBD3B

 6CBD4E

 7ABD61

 88BD74

 95BD86

 A3BD99

 B1BDAC

 BFBDBF

Harmonies

Analogous

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



A7AC00



43BD15



00C573

Triad

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



43BD15



00BBFF



FF4486

Complementary

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



43BD15



8F15BD

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.



FF51D6



43BD15



00A3FF

Square

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



43BD15



00C6FF



D27DFF



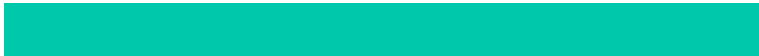
FF6939

Rectangle

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



43BD15



00C8AB



D27DFF



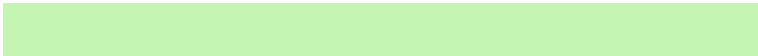
FF41A0

Sweetspot

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



43BD15



C5F5B3



BD8D15



5E7A53



FAFAFA



7A7A7A

Same Dimension

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



43BD15



43F500



15BD39



575E55



2B9E00



081F00

Inverse Universe

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



8F15BD



B200F5



BD1599



5C555E



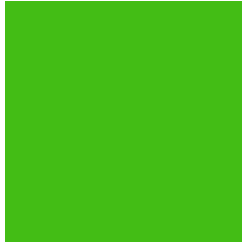
73009E



16001F

Previews

White Background



This preview shows how the Hex color 43BD15 looks on a white background.

Color Contrast Check

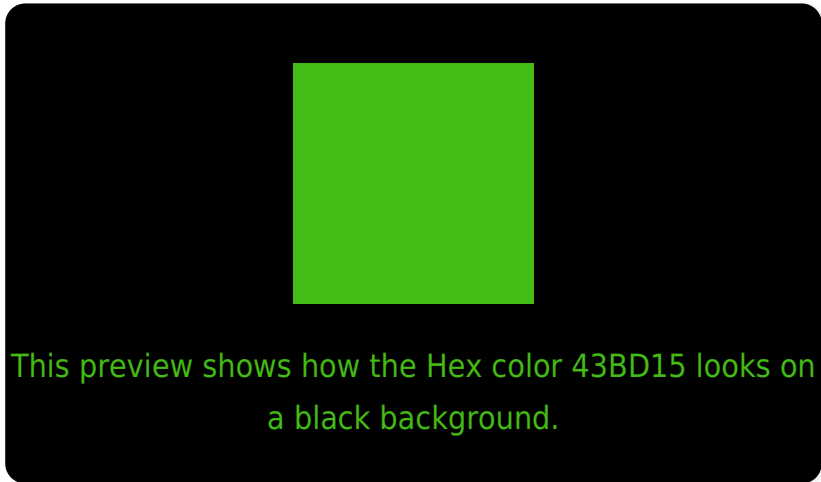
Large Text (above 18pt) WCAG AA × Fail

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

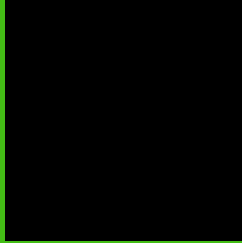
Any Text WCAG AA ✓ Pass

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 43BD15 Background



This preview shows how black text looks on a background with the Hex color 43BD15.

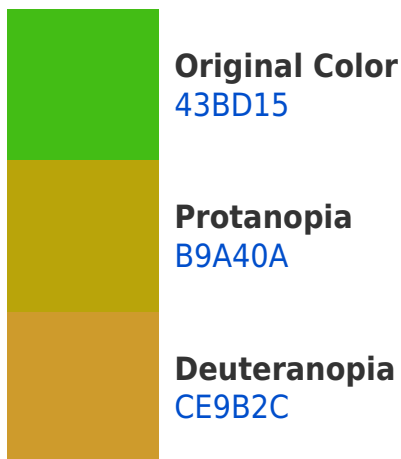


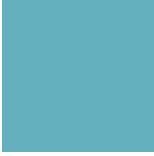
This preview shows how white text looks on a background with the Hex color 43BD15.

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
65B0BE

Trichromacy



Original Color
43BD15



Protanomaly
8EAD0E



Deuteranomaly
9BA724



Tritanomaly
59B581

Monochromacy



Original Color
43BD15



Achromatopsia
858585



Achromatomaly
6D995C

CSS Examples

Text

The CSS property to change the color of the text to Hex 43BD15 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 #43BD15 looks like.

```
.text, #text, p{  
    color:#43BD15  
}
```

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 #43BD15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43BD15
}
```

Border

The CSS property to change the border of an element to Hex 43BD15 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
#43BD15 }
```

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

```
.border{ border-color:#43BD15 }
```

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

Here you see how a box with a 4 pixel #43BD15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43BD15; -webkit-box-shadow:4px 4px  
4px 4px #43BD15; box-shadow:4px 4px 4px  
4px #43BD15 }
```

Background

The CSS property to change the background color of an element to Hex 43BD15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43BD15 }
```

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

```
.background{ background-color:#43BD15 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor