

# Converting Colors

Hex(23AD07)

Have a look what the booklet for  
Hex(23AD07) contains.

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**Color**

**Hex(23AD07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23AD07
RGB	35, 173, 7
RGB Percent	14%, 68%, 3%
CMY	0.8627, 0.3216, 0.9725
CMYK	0.80, 0.00, 0.96, 0.32
HSL	110°, 92%, 35%
HSV	110°, 96%, 68%
XYZ	15.6751, 30.2598, 5.2156
YIQ	112.8140, -28.9620, -80.8820

# Conversions

## Conversions Part 2

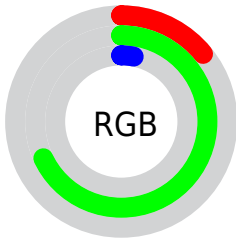
Format	Color
<a href="#">RYB</a>	<a href="#">7, 173, 145</a>
Decimal	<a href="#">2338055</a>
CIELab	<a href="#">61.88, -61.48, 61.64</a>
CIELCh	<a href="#">62, 87.060, 134.929</a>
Yxy	<a href="#">30.2598, 0.3065, 0.5916</a>
Android (android.graphics.Color)	<a href="#">4280528135 (0xFF23AD07)</a>
YUV	<a href="#">112.8140, -52.1663, -68.2429</a>
Hunter-Lab	<a href="#">55.0089, -45.4012, 32.8848</a>

# Details

The Hex color **23AD07** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9107AD**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6BE64D**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **1DAD00**, and if you desaturate by 10%, it is **31AD18**.

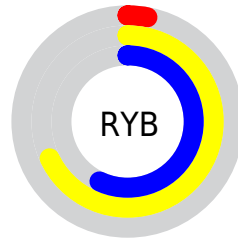
# Distribution



Red (14%)

Green (68%)

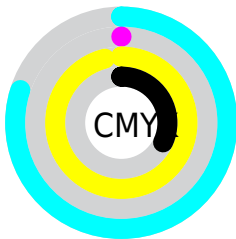
Blue (3%)



Red (3%)

Yellow (68%)

Blue (57%)

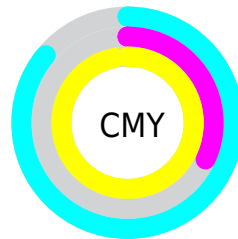


Cyan (80%)

Magenta (0%)

Yellow (96%)

Black (32%)



Cyan (86%)

Magenta (32%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23AD07 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 23AD07 by changing the saturation by 10% instead.



 23AD07

 23AD07

FFFFFF

 009200

 6BE64D

 007700

 89FF69

 005D00

 A8FF84

 004400

 C6FFA0

 002D00

 E4FFBD

 000D00

 FFFFDA

 000000

 FFFFF7

 23AD07

 23AD07

■ 1DAD00

■ 31AD18

■ 40AD2A

■ 4EAD3B

■ 5DAD4C

■ 6BAD5E

■ 79AD6F

■ 88AD80

■ 96AD91

■ A4ADA3

# Harmonies

## Analogous

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



919E00



23AD07



00B46A

# Triad

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



23AD07



00A AFF



FF3173

# Complementary

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



23AD07



9107AD

# 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.



FF3CC0



23AD07



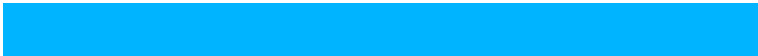
0092FF

# Square

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



23AD07



00B4FF



C76CFF



FF5C27

# Rectangle

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



23AD07



00B6A1



C76CFF



FF2B8C



# Sweetspot

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



23AD07



AAE09F



AD8F07



507049



F0F0F0



707070



# Same Dimension

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



23AD07



26E000



07AD3C



4F574E



199600



041700



# Inverse Universe

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



9107AD



BB00E0



AD0778



554E57



7D0096

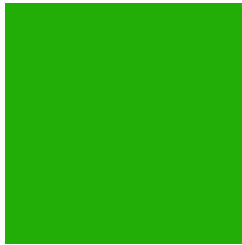


130017



# Previews

## White Background



This preview shows how the Hex color 23AD07 looks on a white background.

## Color Contrast Check

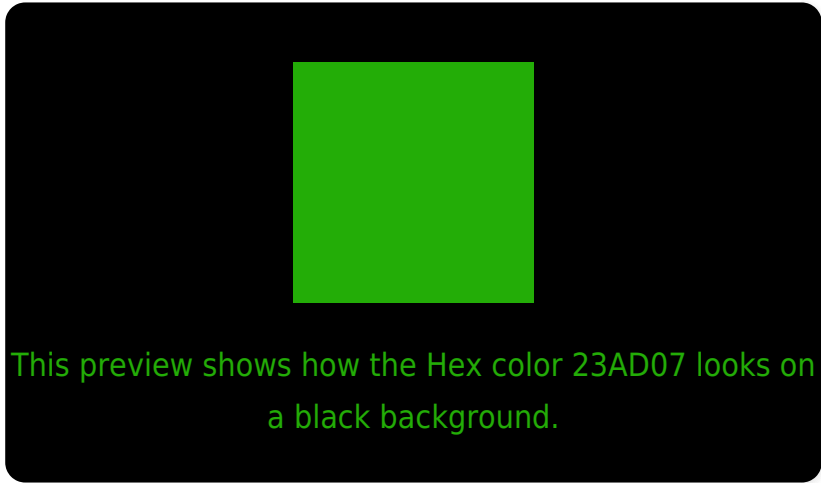
Large Text (above 18pt) WCAG AA × Fail

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 23AD07 Background



This preview shows how black text looks on a background with the Hex color 23AD07.

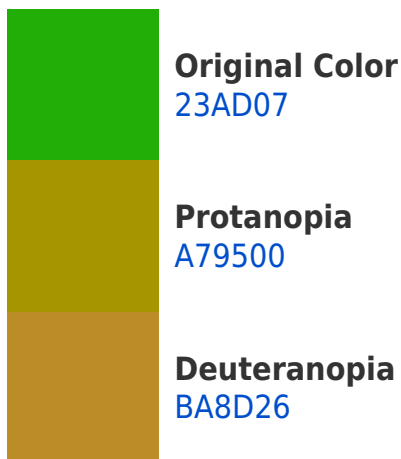


This preview shows how white text looks on a background with the Hex color 23AD07.

# 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**  
4FA1AE

# Trichromacy



**Original Color**  
23AD07



**Protanomaly**  
779E03



**Deuteranomaly**  
83991B



**Tritanomaly**  
3FA571

# Monochromacy



**Original Color**  
23AD07



**Achromatopsia**  
717171



**Achromatomaly**  
55874A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23AD07 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 #23AD07 looks like.

```
.text, #text, p{  
    color:#23AD07  
}
```

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 #23AD07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23AD07
}
```

## Border

The CSS property to change the border of an element to Hex 23AD07 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
#23AD07 }
```

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

```
.border{ border-color:#23AD07 }
```

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

Here you see how a box with a 4 pixel #23AD07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23AD07; -webkit-box-shadow:4px 4px  
4px 4px #23AD07; box-shadow:4px 4px 4px  
4px #23AD07 }
```

# Background

The CSS property to change the background color of an element to Hex 23AD07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23AD07 }
```

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

```
.background{ background-color:#23AD07 }
```

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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