

Converting Colors

Hex(23A759)

Have a look what the booklet for
Hex(23A759) contains.

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Color

Hex(23A759)

Conversions

Conversions Part 1

Format	Color
Hex	23A759
RGB	35, 167, 89
RGB Percent	14%, 65%, 35%
CMY	0.8627, 0.3451, 0.6510
CMYK	0.79, 0.00, 0.47, 0.35
HSL	145°, 65%, 40%
HSV	145°, 79%, 65%
XYZ	16.3150, 28.7160, 14.1341
YIQ	118.6400, -53.6340, -52.2420

Conversions

Conversions Part 2

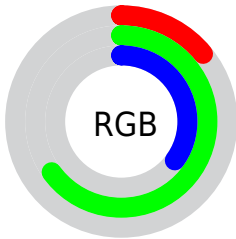
Format	Color
RYB	35, 129, 167
Decimal	2336601
CIELab	60.53, -51.99, 30.68
CIELCh	61, 60.372, 149.455
Yxy	28.7160, 0.2758, 0.4854
Android (android.graphics.Color)	4280526681 (0xFF23A759)
YUV	118.6400, -14.6125, -73.3523
Hunter-Lab	53.5873, -39.4323, 21.8730

Details

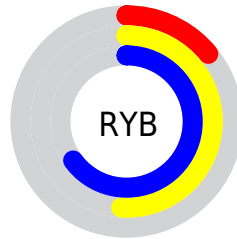
The Hex color **23A759** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A72371**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **66DF8C**, and **007229** is the 20% darker color. If you saturate the color by 10%, you get **12A74F**, and if you desaturate by 10%, it is **34A763**.

Distribution



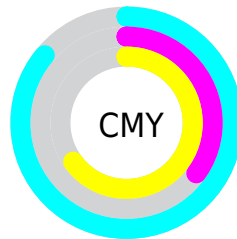
- Red (14%)
- Green (65%)
- Blue (35%)



- Red (14%)
- Yellow (51%)
- Blue (65%)



- Cyan (79%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)



- Cyan (86%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A759 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 23A759 by changing the saturation by 10% instead.

 23A759

 23A759

FFFFFF

 008C41

 66DF8C

 007229

 84FCA7

 005811

 A1FFC2

 003F00

 BEFFDE

 002900

 DCFFFB

 000400

 FAFFFF

 000000

 23A759

 23A759

 12A74F

 34A763

■ 02A745

■ 44A76D

■ 00A744

■ 55A777

■ 66A780

■ 76A78A

■ 87A794

■ 98A79E

■ A9A7A8

■ B9A7B2

Harmonies

Analogous

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



799E2C



23A759



00AB8F

Triad

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



23A759



0098FD



EF6661

Complementary

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



23A759



A72371

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.



EF5F95



23A759



9084EF

Square

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



23A759



00A5ED



D16DC9



D77A34

Rectangle

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



23A759



00ABB4



D16DC9



F26172

Sweetspot

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



23A759



A5D9BA



72A723



4E6E5B



EDEDED



6E6E6E

Same Dimension

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



23A759



0BD95F



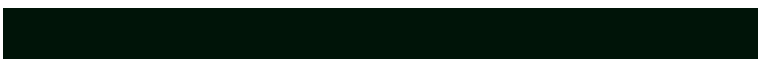
23A79A



4C544F



00943D



001408

Inverse Universe

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



A72371



D90B85



A72330



544C51



940057



14000C

Previews

White Background



This preview shows how the Hex color 23A759 looks on a white background.

Color Contrast Check

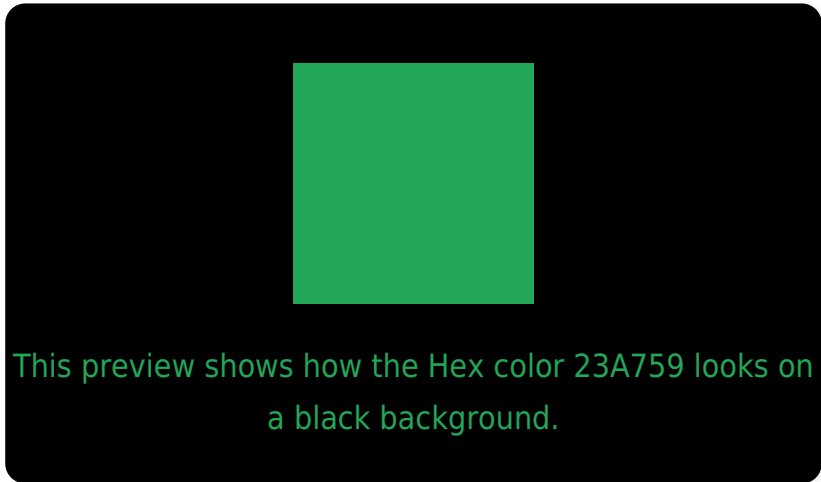
Large Text (above 18pt) WCAG AA ✓ Pass

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 23A759 Background



This preview shows how black text looks on a background with the Hex color 23A759.



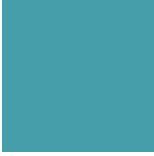
This preview shows how white text looks on a background with the Hex color 23A759.

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
469EAB

Trichromacy



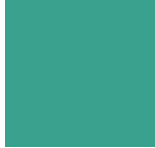
Original Color
23A759



Protanomaly
729954



Deuteranomaly
7B955D



Tritanomaly
39A18D

Monochromacy



Original Color
23A759



Achromatopsia
777777



Achromatomaly
58886C

CSS Examples

Text

The CSS property to change the color of the text to Hex 23A759 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 #23A759 looks like.

```
.text, #text, p{  
    color:#23A759  
}
```

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 #23A759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A759
}
```

Border

The CSS property to change the border of an element to Hex 23A759 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
#23A759 }
```

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

```
.border{ border-color:#23A759 }
```

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

Here you see how a box with a 4 pixel #23A759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A759; -webkit-box-shadow:4px 4px  
4px 4px #23A759; box-shadow:4px 4px 4px  
4px #23A759 }
```

Background

The CSS property to change the background color of an element to Hex 23A759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A759 }
```

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

```
.background{ background-color:#23A759 }
```

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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