

Converting Colors

Hex(23A754)

Have a look what the booklet for
Hex(23A754) contains.

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Color

Hex(23A754)

Conversions

Conversions Part 1

Format	Color
Hex	23A754
RGB	35, 167, 84
RGB Percent	14%, 65%, 33%
CMY	0.8627, 0.3451, 0.6706
CMYK	0.79, 0.00, 0.50, 0.35
HSL	142°, 65%, 40%
HSV	142°, 79%, 65%
XYZ	16.1121, 28.6349, 13.0654
YIQ	118.0700, -52.0290, -53.7970

Conversions

Conversions Part 2

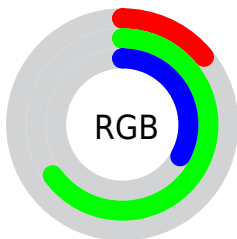
Format	Color
RYB	35, 131, 167
Decimal	2336596
CIELab	60.46, -52.84, 33.18
CIELCh	60, 62.392, 147.876
Yxy	28.6349, 0.2787, 0.4953
Android (android.graphics.Color)	4280526676 (0xFF23A754)
YUV	118.0700, -16.7965, -72.8524
Hunter-Lab	53.5115, -39.8996, 22.9818

Details

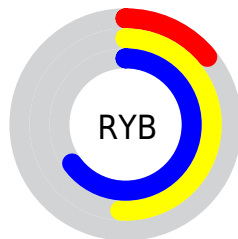
The Hex color **23A754** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A72376**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **66DF87**, and **007224** is the 20% darker color. If you saturate the color by 10%, you get **12A749**, and if you desaturate by 10%, it is **34A75F**.

Distribution



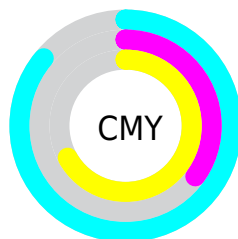
- Red (14%)
- Green (65%)
- Blue (33%)



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



- Cyan (79%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)



- Cyan (86%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A754 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 23A754 by changing the saturation by 10% instead.

 23A754

 23A754

FFFFFF

 008C3C

 66DF87

 007224

 84FCA2

 00580A

 A1FFBD

 003F00

 BFFFD9

 002900

 DCFFF6


 000300

 FAFFFF

 000000

 23A754

 23A754

 12A749

 34A75F

■ 02A73F

■ 44A769

■ 00A73E

■ 55A774

■ 66A77E

■ 76A789

■ 87A793

■ 98A79E

■ A9A7A8

■ B9A7B3

Harmonies

Analogous

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



7B9E24



23A754



00AB8C

Triad

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



23A754



0099FF



F26362

Complementary

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



23A754



A72376

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.



F15C98



23A754



8A85F4

Square

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



23A754



00A6EE



D06CCD



DA7833

Rectangle

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



23A754



00ACB2



D06CCD



F55E73

Sweetspot

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



23A754



A5D9B8



77A723



4E6E5A



EDEDED



6E6E6E

Same Dimension

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



23A754



0BD957



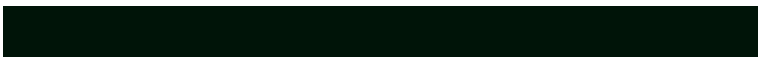
23A795



4C544F



009437



001408

Inverse Universe

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



A72376



D90B8C



A72335



544C51



94005D



14000D

Previews

White Background



This preview shows how the Hex color 23A754 looks on a white background.

Color Contrast Check

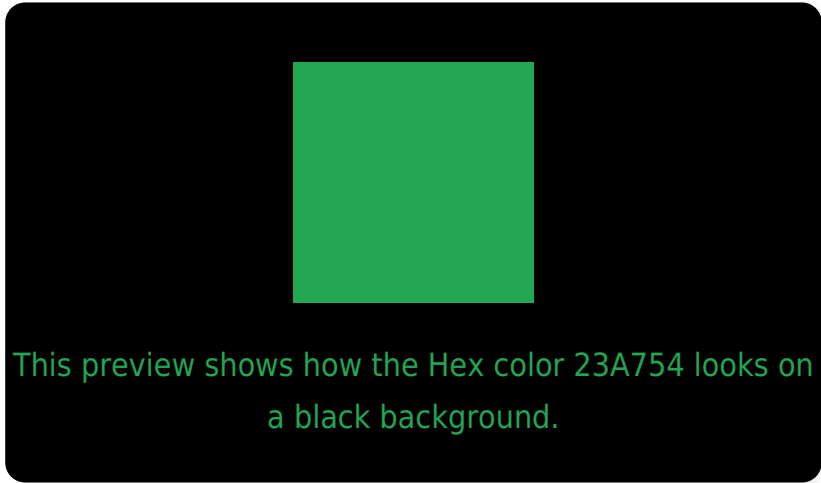
Large Text (above 18pt) WCAG AA ✓ Pass

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 23A754 Background



This preview shows how black text looks on a background with the Hex color 23A754.



This preview shows how white text looks on a background with the Hex color 23A754.

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](#).

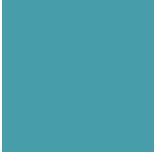
Dichromacy



Original Color
23A754

Protanopia
9F914C

Deuteranopia
AF8A5B



Tritanopia
479DAA

Trichromacy



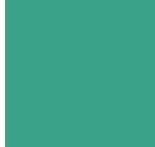
Original Color
23A754



Protanomaly
72994F



Deuteranomaly
7C9558



Tritanomaly
3AA18B

Monochromacy



Original Color
23A754



Achromatopsia
767676



Achromatomaly
58886A

CSS Examples

Text

The CSS property to change the color of the text to Hex 23A754 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 #23A754 looks like.

```
.text, #text, p{  
    color:#23A754  
}
```

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 #23A754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A754
}
```

Border

The CSS property to change the border of an element to Hex 23A754 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
#23A754 }
```

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

```
.border{ border-color:#23A754 }
```

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

Here you see how a box with a 4 pixel #23A754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A754; -webkit-box-shadow:4px 4px  
4px 4px #23A754; box-shadow:4px 4px 4px  
4px #23A754 }
```

Background

The CSS property to change the background color of an element to Hex 23A754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A754 }
```

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

```
.background{ background-color:#23A754 }
```

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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