

Converting Colors

Hex(1A9243)

Have a look what the booklet for
Hex(1A9243) contains.

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Color

Hex(1A9243)

Conversions

Conversions Part 1

Format	Color
Hex	1A9243
RGB	26, 146, 67
RGB Percent	10%, 57%, 26%
CMY	0.8980, 0.4275, 0.7373
CMYK	0.82, 0.00, 0.54, 0.43
HSL	140°, 70%, 34%
HSV	140°, 82%, 57%
XYZ	11.7180, 21.1826, 8.7812
YIQ	101.1140, -46.1610, -50.0090

Conversions

Conversions Part 2

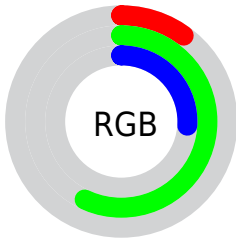
Format	Color
R_{YB}	26, 115, 146
Decimal	1741379
CIE _{Lab}	53.15, -49.20, 32.81
CIE _{LCh}	53, 59.140, 146.301
Yxy	21.1826, 0.2811, 0.5082
Android (android.graphics.Color)	4279931459 (0xFF1A9243)
YUV	101.1140, -16.8182, -65.8750
Hunter-Lab	46.0246, -35.0964, 20.9050

Details

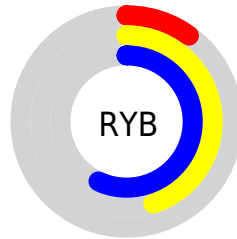
The Hex color **1A9243** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **921A69**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5DC975**, and **005E13** is the 20% darker color. If you saturate the color by 10%, you get **0B9239**, and if you desaturate by 10%, it is **29924D**.

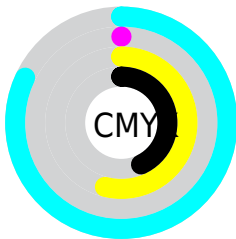
Distribution



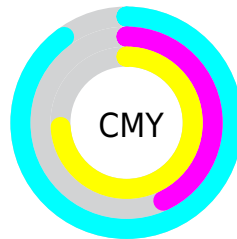
- Red (10%)
- Green (57%)
- Blue (26%)



- Red (10%)
- Yellow (45%)
- Blue (57%)



- Cyan (82%)
- Magenta (0%)
- Yellow (54%)
- Black (43%)



- Cyan (90%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A9243 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 1A9243 by changing the saturation by 10% instead.

 1A9243

 1A9243

FFFFFF

 00782B

 5DC975

 005E13

 7AE68F

 004500

 96FFAA

 002F00

 B3FFC5

 001300

 D1FFE2

 000000

 EEEFFF

 1A9243

 1A9243

 0B9239

 29924D

■ 009232

■ 379256

■ 469260

■ 549269

■ 639273

■ 72927D

■ 809286

■ 8F9290

■ 9D929A

Harmonies

Analogous

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



6C8914



1A9243



009677

Triad

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



1A9243



0087E5



D85155

Complementary

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



1A9243



921A69

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.



D64C87



1A9243



7274DB

Square

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



1A9243



0092D3



B65DB8



C36628

Rectangle

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



1A9243



00979A



B65DB8



DA4D65

Sweetspot

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



1A9243



8EBD9E



6A921A



425E4C



DEDEDE



5E5E5E

Same Dimension

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



1A9243



02BD42



1A927E



434A45



008A2F



000A03

Inverse Universe

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



921A69



BD027D



921A2E



4A4347



8A005B



0A0007

Previews

White Background



This preview shows how the Hex color 1A9243 looks on a white background.

Color Contrast Check

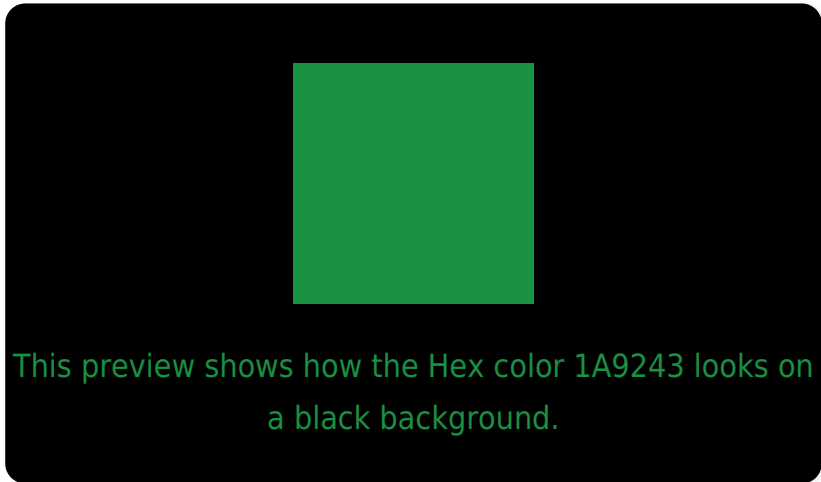
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A9243 Background



This preview shows how black text looks on a background with the Hex color 1A9243.



This preview shows how white text looks on a background with the Hex color 1A9243.

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
1A9243

Protanopia
8C7E3D

Deuteranopia
99784A



Tritanopia
3D8994

Trichromacy



Original Color

1A9243



Protanomaly

63853F



Deuteranomaly

6B8147



Tritanomaly

308C77

Monochromacy



Original Color

1A9243



Achromatopsia

656565



Achromatomaly

4A7559

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A9243 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 #1A9243 looks like.

```
.text, #text, p{  
    color:#1A9243  
}
```

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 #1A9243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A9243
}
```

Border

The CSS property to change the border of an element to Hex 1A9243 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
#1A9243 }
```

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

```
.border{ border-color:#1A9243 }
```

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

Here you see how a box with a 4 pixel #1A9243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A9243; -webkit-box-shadow:4px 4px  
4px 4px #1A9243; box-shadow:4px 4px 4px  
4px #1A9243 }
```

Background

The CSS property to change the background color of an element to Hex 1A9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A9243 }
```

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

```
.background{ background-color:#1A9243 }
```

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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