

Converting Colors

Hex(0A9423)

Have a look what the booklet for
Hex(0A9423) contains.

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Color

Hex(0A9423)

Conversions

Conversions Part 1

Format	Color
Hex	0A9423
RGB	10, 148, 35
RGB Percent	4%, 58%, 14%
CMY	0.9608, 0.4196, 0.8627
CMYK	0.93, 0.00, 0.76, 0.42
HSL	131°, 87%, 31%
HSV	131°, 93%, 58%
XYZ	11.0185, 21.3657, 5.1334
YIQ	93.8560, -45.9750, -64.3990

Conversions

Conversions Part 2

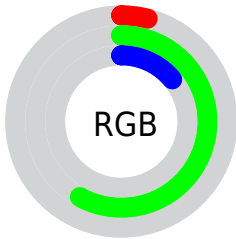
Format	Color
R_{YB}	10, 127, 148
Decimal	693283
CIE _{Lab}	53.35, -55.11, 47.31
CIE _{LCh}	53, 72.636, 139.355
Yxy	21.3657, 0.2937, 0.5695
Android (android.graphics.Color)	4278883363 (0xFF0A9423)
YUV	93.8560, -29.0160, -73.5417
Hunter-Lab	46.2230, -38.3402, 25.7716

Details

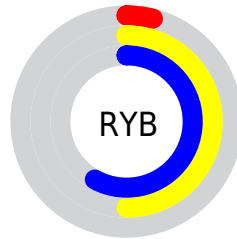
The Hex color **0A9423** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **940A7B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **59CB58**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **00941B**, and if you desaturate by 10%, it is **19942F**.

Distribution



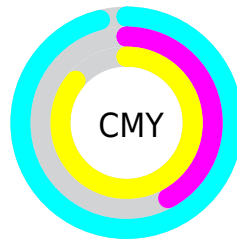
- Red (4%)
- Green (58%)
- Blue (14%)



- Red (4%)
- Yellow (50%)
- Blue (58%)



- Cyan (93%)
- Magenta (0%)
- Yellow (76%)
- Black (42%)



- Cyan (96%)
- Magenta (42%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A9423 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 0A9423 by changing the saturation by 10% instead.

 0A9423

 0A9423

FFFFFF

 007900

 59CB58

 006000

 77E872

 004700

 94FF8D

 003000

 B2FFA8

 001400

 CFFFC4

 000000

 EDFFE0

FFFFFFE

 0A9423

 0A9423

■ 00941B

■ 19942F

■ 28943B

■ 369447

■ 459453

■ 549460

■ 63946C

■ 729478

■ 809484

■ 8F9490

Harmonies

Analogous

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



748900



0A9423



009966

Triad

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



0A9423



008EFB



EC385A

Complementary

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



0A9423



940A7B

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.



E23898



0A9423



3F79F7

Square

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



0A9423



0098DE



B359D2



D7581D

Rectangle

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



0A9423



009B92



B359D2



EC336F

Sweetspot

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



0A9423



8ABF93



7D940A



406146



E0E0E0



616161

Same Dimension

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



0A9423



00BF23



0A9466



434A44



008A19



000A02

Inverse Universe

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



940A7B



BF009D



940A38



4A4349



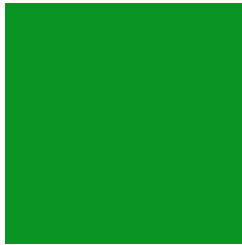
8A0071



0A0008

Previews

White Background



This preview shows how the Hex color 0A9423 looks on a white background.

Color Contrast Check

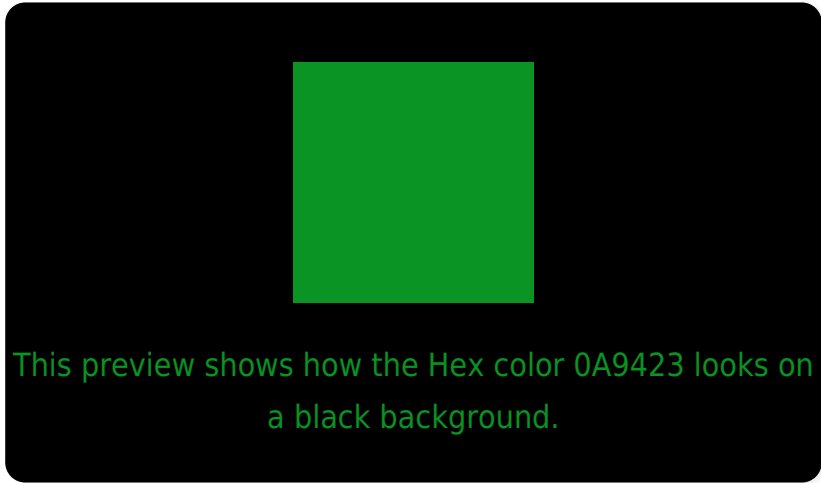
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A9423 Background



This preview shows how black text looks on a background with the Hex color 0A9423.



This preview shows how white text looks on a background with the Hex color 0A9423.

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
0A9423

Protanopia
8E7F1E

Deuteranopia
9E782F



Tritanopia
3E8A95

Trichromacy



Original Color

0A9423



Protanomaly

5E8720



Deuteranomaly

68822B



Tritanomaly

2B8E6C

Monochromacy



Original Color

0A9423



Achromatopsia

5E5E5E



Achromatomaly

3F7249

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A9423 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 #0A9423 looks like.

```
.text, #text, p{  
    color:#0A9423  
}
```

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 #0A9423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9423
}
```

Border

The CSS property to change the border of an element to Hex 0A9423 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
#0A9423 }
```

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

```
.border{ border-color:#0A9423 }
```

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

Here you see how a box with a 4 pixel #0A9423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9423; -webkit-box-shadow:4px 4px  
4px 4px #0A9423; box-shadow:4px 4px 4px  
4px #0A9423 }
```

Background

The CSS property to change the background color of an element to Hex 0A9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9423 }
```

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

```
.background{ background-color:#0A9423 }
```

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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