

# Converting Colors

Hex(1A432A)

Have a look what the booklet for  
Hex(1A432A) contains.

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# Color

Hex(1A432A)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A432A
RGB	26, 67, 42
RGB Percent	10%, 26%, 16%
CMY	0.8980, 0.7373, 0.8353
CMYK	0.61, 0.00, 0.37, 0.74
HSL	143°, 44%, 18%
HSV	143°, 61%, 26%
XYZ	2.8511, 4.4011, 2.8897
YIQ	51.8910, -16.4110, -16.4670

# Conversions

## Conversions Part 2

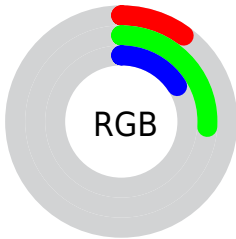
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 55, 67
Decimal	1721130
CIE <sub>Lab</sub>	24.96, -21.18, 10.96
CIE <sub>LCh</sub>	25, 23.843, 152.645
Yxy	4.4011, 0.2811, 0.4340
Android (android.graphics.Color)	4279911210 (0xFF1A432A)
YUV	51.8910, -4.8763, -22.7064
Hunter-Lab	20.9788, -12.4542, 6.5183

# Details

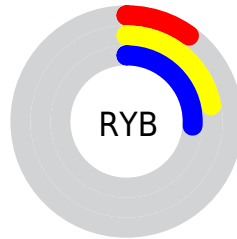
The Hex color **1A432A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **431A33**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4A7457**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **134326**, and if you desaturate by 10%, it is **21432E**.

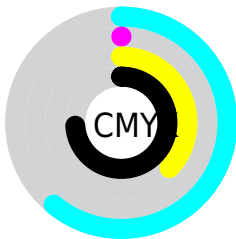
# Distribution



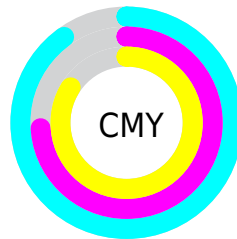
- Red (10%)
- Green (26%)
- Blue (16%)



- Red (10%)
- Yellow (22%)
- Blue (26%)



- Cyan (61%)
- Magenta (0%)
- Yellow (37%)
- Black (74%)



- Cyan (90%)
- Magenta (74%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A432A 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 1A432A by changing the saturation by 10% instead.



 1A432A

 1A432A

FFFFFF

 022C15

 4A7457

 001A00

 628D70

 000000

 7CA889

 96C3A4

 B1DFBF

 CDFCDB

 E9FFF7

 1A432A

 1A432A

■ 134326

■ 21432E

■ 0D4322

■ 274332

■ 06431E

■ 2E4336

■ 00431A

■ 35433A

■ 3C433E

■ 424343

■ 494347

■ 50434B

■ 56434F

# Harmonies

## Analogous

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



32401C



1A432A



00443C

# Triad

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



1A432A



1E3D5F



5C2E29

# Complementary

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



1A432A



431A33

# 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.



5C2C3A



1A432A



3F365A

# Square

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



1A432A



00415B



532F4C



53341B

# Rectangle

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



1A432A



004448



532F4C



5D2D2E



# Sweetspot

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



1A432A



47574D



33431A



222B26



ABABAB



2B2B2B



# Same Dimension

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



1A432A



175730



1A433E



1E211F



006126



00E058



# Inverse Universe

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



431A33



57173E



431A1F



211E20



61003B

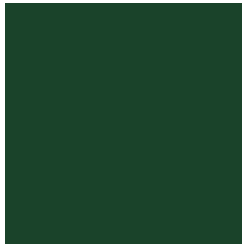


E00089



# Previews

## White Background



This preview shows how the Hex color 1A432A looks on a white background.

## Color Contrast Check

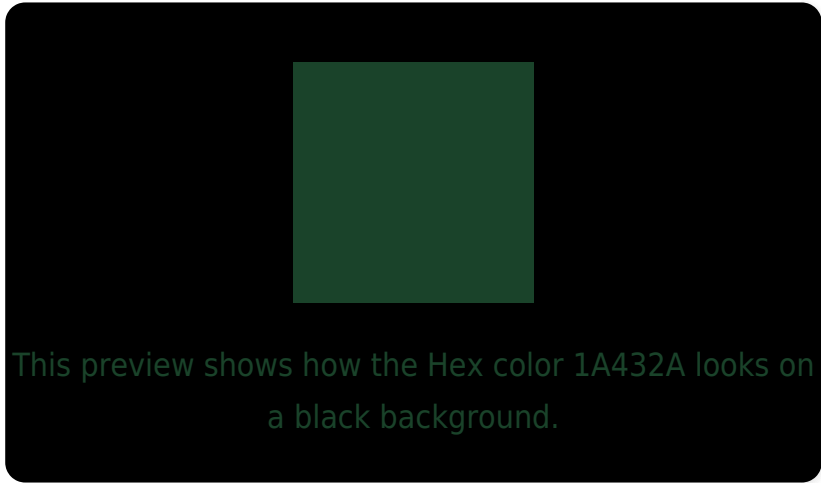
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

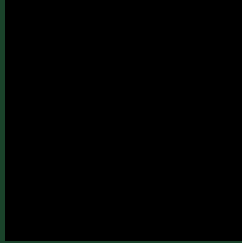
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A432A Background



This preview shows how black text looks on a background with the Hex color 1A432A.



This preview shows how white text looks on a background with the Hex color 1A432A.

# 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**  
1A432A

**Protanopia**  
403B27

**Deuteranopia**  
46392C



# Trichromacy



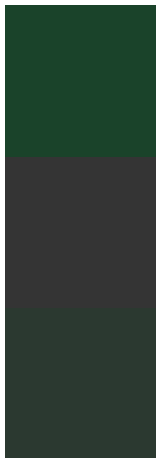
**Original Color**  
1A432A

**Protanomaly**  
323E28

**Deuteranomaly**  
363D2B

**Tritanomaly**  
1F413B

# Monochromacy



**Original Color**  
1A432A

**Achromatopsia**  
343434

**Achromatomaly**  
2B3930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A432A 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 #1A432A looks like.

```
.text, #text, p{  
    color:#1A432A  
}
```

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 #1A432A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A432A
}
```

## Border

The CSS property to change the border of an element to Hex 1A432A 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".

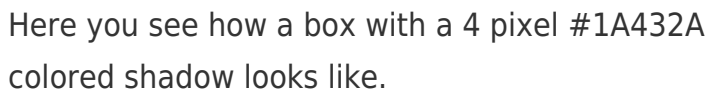
```
.border, #border, table{ border:4px solid
#1A432A }
```

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

```
.border{ border-color:#1A432A }
```

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

Here you see how a box with a 4 pixel #1A432A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A432A; -webkit-box-shadow:4px 4px  
4px 4px #1A432A; box-shadow:4px 4px 4px  
4px #1A432A }
```

# Background

The CSS property to change the background color of an element to Hex 1A432A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A432A }
```

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

```
.background{ background-color:#1A432A }
```

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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