

Converting Colors

Hex(1A432B)

Have a look what the booklet for
Hex(1A432B) contains.

Hex(1A432B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A432B)

Conversions

Conversions Part 1

Format	Color
Hex	1A432B
RGB	26, 67, 43
RGB Percent	10%, 26%, 17%
CMY	0.8980, 0.7373, 0.8314
CMYK	0.61, 0.00, 0.36, 0.74
HSL	145°, 44%, 18%
HSV	145°, 61%, 26%
XYZ	2.8692, 4.4083, 2.9852
YIQ	52.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

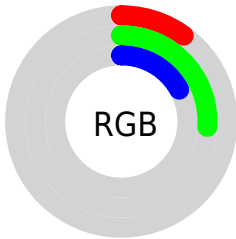
Format	Color
R_{YB}	26, 55, 67
Decimal	1721131
CIE _{Lab}	24.98, -20.94, 10.34
CIE _{LCh}	25, 23.360, 153.715
Yxy	4.4083, 0.2796, 0.4295
Android (android.graphics.Color)	4279911211 (0xFF1A432B)
YUV	52.0050, -4.4395, -22.8064
Hunter-Lab	20.9960, -12.3503, 6.2675

Details

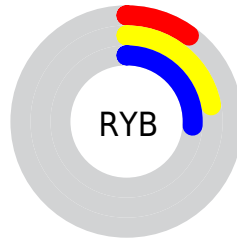
The Hex color **1A432B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **431A32**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4A7359**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **134327**, and if you desaturate by 10%, it is **21432F**.

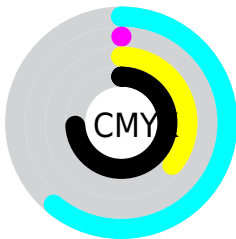
Distribution



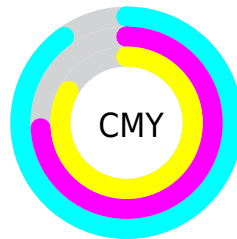
- Red (10%)
- Green (26%)
- Blue (17%)



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



- Cyan (61%)
- Magenta (0%)
- Yellow (36%)
- Black (74%)



- Cyan (90%)
- Magenta (74%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A432B 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 1A432B by changing the saturation by 10% instead.



1A432B



1A432B

FFFFFF



022C16



4A7359



001A00



628D71



000000



7CA88B



96C3A5



B1DFC0



CDFCDC



E9FFF8



1A432B



1A432B

■ 134327

■ 21432F

■ 0D4323

■ 274333

■ 06431F

■ 2E4337

■ 00431C

■ 35433B

■ 3C433F

■ 424343

■ 494346

■ 50434A

■ 56434E

Harmonies

Analogous

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



31401D



1A432B



00443D

Triad

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



1A432B



213C5E



5B2F29

Complementary

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



1A432B



431A32

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



1A432B



403659

Square

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



1A432B



00415B



532F4B



52351C

Rectangle

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



1A432B



004449



532F4B



5C2E2E

Sweetspot

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



1A432B



47574E



33431A



222B26



ABABAB



2B2B2B

Same Dimension

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



1A432B



175732



1A433F



1E211F



006128



00E05D

Inverse Universe

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



431A32



57173C



431A1E



211E20



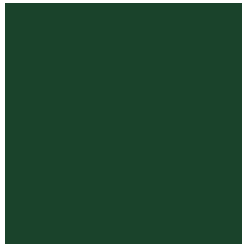
610039



E00083

Previews

White Background



This preview shows how the Hex color 1A432B looks on a white background.

Color Contrast Check

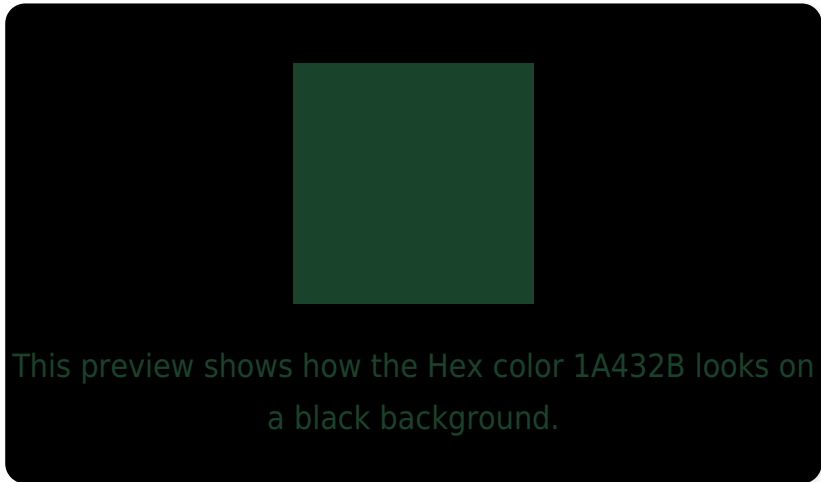
Large Text (above 18pt) WCAG AA ✓ Pass

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

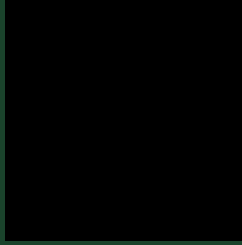
Any Text WCAG AA × Fail

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 1A432B Background



This preview shows how black text looks on a background with the Hex color 1A432B.



This preview shows how white text looks on a background with the Hex color 1A432B.

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
1A432B

Protanopia
403B28

Deuteranopia
45392D



Tritanopia
224045

Trichromacy



Original Color
1A432B

Protanomaly
323E29

Deuteranomaly
353D2C

Tritanomaly
1F413C

Monochromacy



Original Color
1A432B

Achromatopsia
343434

Achromatomaly
2B3931

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A432B 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 #1A432B looks like.

```
.text, #text, p{  
    color:#1A432B  
}
```

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 #1A432B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A432B
}
```

Border

The CSS property to change the border of an element to Hex 1A432B 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
#1A432B }
```

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

```
.border{ border-color:#1A432B }
```

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

Here you see how a box with a 4 pixel #1A432B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A432B; -webkit-box-shadow:4px 4px  
4px 4px #1A432B; box-shadow:4px 4px 4px  
4px #1A432B }
```

Background

The CSS property to change the background color of an element to Hex 1A432B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A432B }
```

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

```
.background{ background-color:#1A432B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor