

Converting Colors

Hex(1A3A2B)

Have a look what the booklet for
Hex(1A3A2B) contains.

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Color

Hex(1A3A2B)

Conversions

Conversions Part 1

Format	Color
Hex	1A3A2B
RGB	26, 58, 43
RGB Percent	10%, 23%, 17%
CMY	0.8980, 0.7725, 0.8314
CMYK	0.55, 0.00, 0.26, 0.77
HSL	152°, 38%, 16%
HSV	152°, 55%, 23%
XYZ	2.3751, 3.4201, 2.8205
YIQ	46.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

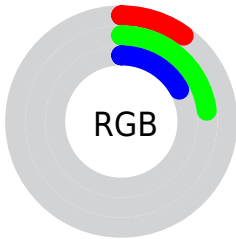
Format	Color
R_{YB}	26, 47, 58
Decimal	1718827
CIE _{Lab}	21.65, -16.12, 5.74
CIE _{LCh}	22, 17.113, 160.391
Yxy	3.4201, 0.2757, 0.3970
Android (android.graphics.Color)	4279908907 (0xFF1A3A2B)
YUV	46.7220, -1.8349, -18.1732
Hunter-Lab	18.4936, -9.4394, 3.9032

Details

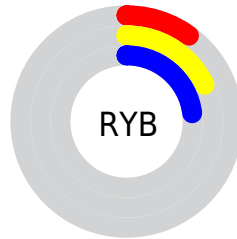
The Hex color **1A3A2B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1A29**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **486958**, and **000B00** is the 20% darker color. If you saturate the color by 10%, you get **143A28**, and if you desaturate by 10%, it is **203A2E**.

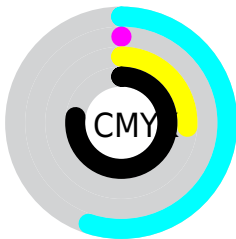
Distribution



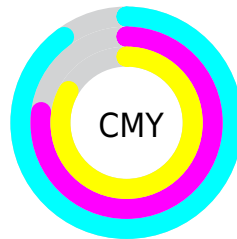
- Red (10%)
- Green (23%)
- Blue (17%)



- Red (10%)
- Yellow (18%)
- Blue (23%)



- Cyan (55%)
- Magenta (0%)
- Yellow (26%)
- Black (77%)



- Cyan (90%)
- Magenta (77%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3A2B 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 1A3A2B by changing the saturation by 10% instead.

■ 1A3A2B

■ 1A3A2B

FFFFFF

■ 042417

■ 486958

■ 000B00

■ 608371

■ 000000

■ 799D8A

■ 94B8A5

■ AED3C0

■ CAF0DC

■ E6FFF8

■ 1A3A2B

■ 1A3A2B

■ 143A28

■ 203A2E

■ 0E3A26

■ 263A30

■ 093A23

■ 2B3A33

■ 033A20

■ 313A36

■ 003A1F

■ 373A39

■ 3D3A3B

■ 433A3E

■ 483A41

■ 4E3A43

Harmonies

Analogous

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



2A3820



1A3A2B



063B38

Triad

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



1A3A2B



29344D



4B2C24

Complementary

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



1A3A2B



3A1A29

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.



4C2A30



1A3A2B



3B2F47

Square

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



1A3A2B



12384B



472B3D



43301C

Rectangle

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



1A3A2B



003A40



472B3D



4C2B28

Sweetspot

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



1A3A2B



3F4D46



293A1A



1F2623



A6A6A6



262626

Same Dimension

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



1A3A2B



1A4D35



1A393A



191C1B



005C31



00DB75

Inverse Universe

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



3A1A29



4D1A32



3A1B1A



1C191B



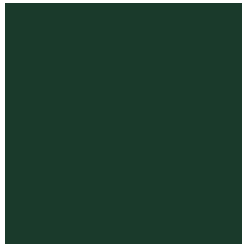
5C002B



DB0067

Previews

White Background



This preview shows how the Hex color 1A3A2B looks on a white background.

Color Contrast Check

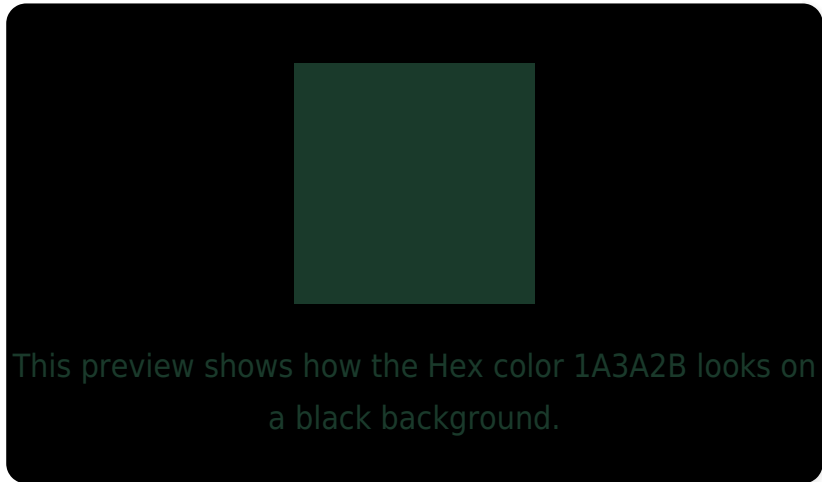
Large Text (above 18pt) WCAG AA ✓ Pass

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

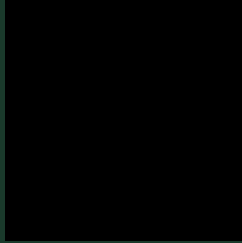
Any Text WCAG AA × Fail

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 1A3A2B Background



This preview shows how black text looks on a background with the Hex color 1A3A2B.



This preview shows how white text looks on a background with the Hex color 1A3A2B.

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](#).

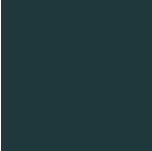
Dichromacy



Original Color
1A3A2B

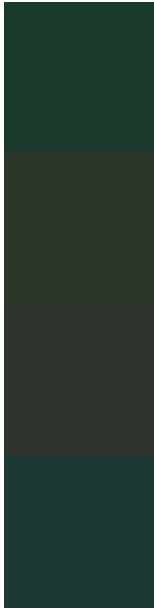
Protanopia
373428

Deuteranopia
3B322D



Tritanopia
1F383C

Trichromacy



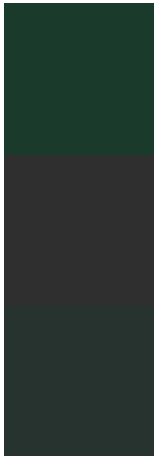
Original Color
1A3A2B

Protanomaly
2C3629

Deuteranomaly
2F352C

Tritanomaly
1D3936

Monochromacy



Original Color
1A3A2B

Achromatopsia
2F2F2F

Achromatomaly
27332E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3A2B 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 #1A3A2B looks like.

```
.text, #text, p{  
    color:#1A3A2B  
}
```

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 #1A3A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3A2B
}
```

Border

The CSS property to change the border of an element to Hex 1A3A2B 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
#1A3A2B }
```

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

```
.border{ border-color:#1A3A2B }
```

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

Here you see how a box with a 4 pixel #1A3A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3A2B; -webkit-box-shadow:4px 4px  
4px 4px #1A3A2B; box-shadow:4px 4px 4px  
4px #1A3A2B }
```

Background

The CSS property to change the background color of an element to Hex 1A3A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3A2B }
```

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

```
.background{ background-color:#1A3A2B }
```

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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