

Converting Colors

Hex(1B2403)

Have a look what the booklet for
Hex(1B2403) contains.

Hex(1B2403)	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(1B2403)

Conversions

Conversions Part 1

Format	Color
Hex	1B2403
RGB	27, 36, 3
RGB Percent	11%, 14%, 1%
CMY	0.8941, 0.8588, 0.9882
CMYK	0.25, 0.00, 0.92, 0.86
HSL	76°, 85%, 8%
HSV	76°, 92%, 14%
XYZ	1.0993, 1.5013, 0.3180
YIQ	29.5470, 5.2290, -12.1710

Conversions

Conversions Part 2

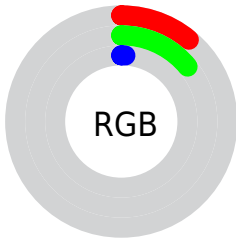
Format	Color
R_{YB}	3, 36, 12
Decimal	1778691
CIE Lab	12.62, -10.27, 17.20
CIE LCh	13, 20.038, 120.842
Yxy	1.5013, 0.3767, 0.5144
Android (android.graphics.Color)	4279968771 (0xFF1B2403)
YUV	29.5470, -13.0877, -2.2337
Hunter-Lab	12.2529, -5.4279, 7.0383

Details

The Hex color **1B2403** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C0324**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **465131**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2400**, and if you desaturate by 10%, it is **1C2407**.

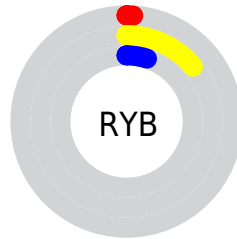
Distribution



Red (11%)

Green (14%)

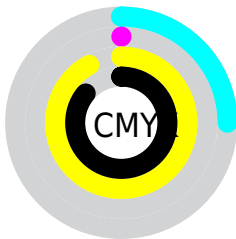
Blue (1%)



Red (1%)

Yellow (14%)

Blue (5%)

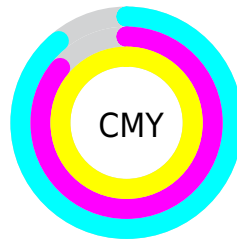


Cyan (25%)

Magenta (0%)

Yellow (92%)

Black (86%)



Cyan (89%)

Magenta (86%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2403 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 1B2403 by changing the saturation by 10% instead.

 1B2403

 1B2403

 FFFFE5

 001000

 465131

 000000

 5E6948

 778260

 919C79

 ACB792

 C7D2AD

 E3EFC8

 1B2403

 1B2403

■ 1A2400

■ 1C2407

■ 1D240A

■ 1E240E

■ 1F2411

■ 202415

■ 212419

■ 22241C

■ 232420

■ 242423

Harmonies

Analogous

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



292000



1B2403



062613

Triad

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



1B2403



002639



391421

Complementary

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



1B2403



0C0324

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.



32172E



1B2403



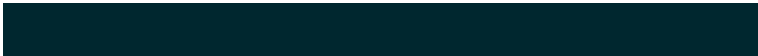
03223C

Square

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



1B2403



00272F



221D39



391613

Rectangle

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



1B2403



00271C



221D39



381526

Sweetspot

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



1B2403



2A2E21



240C03



15170F



969696



171717

Same Dimension

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



1B2403



212E00



0B2403



111210



3B5200



98D100

Inverse Universe

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



0C0324



0D002E



1C0324



111012



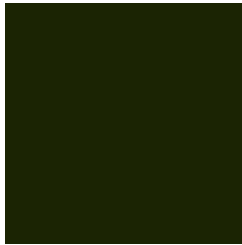
160052



3900D1

Previews

White Background



This preview shows how the Hex color 1B2403 looks on a white background.

Color Contrast Check

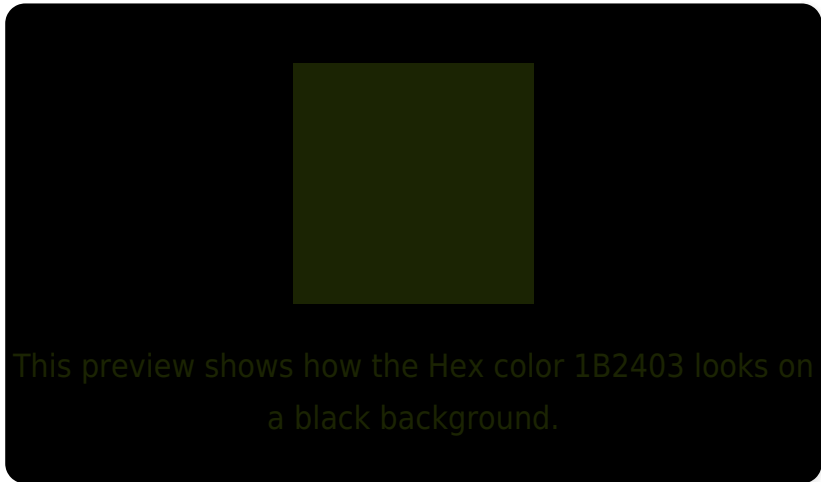
Large Text (above 18pt) WCAG AA ✓ Pass

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

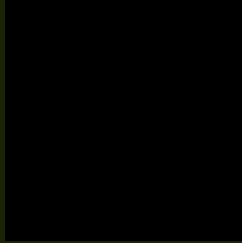
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

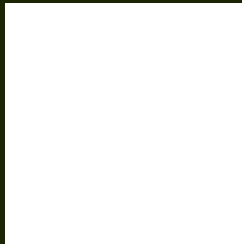
Any Text WCAG AAA × Fail

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

Hex 1B2403 Background



This preview shows how black text looks on a background with the Hex color 1B2403.



This preview shows how white text looks on a background with the Hex color 1B2403.

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
1B2403

Protanopia
252101

Deuteranopia
2A1F07



Tritanopia
1E2124

Trichromacy



Original Color

1B2403

Protanomaly

212202

Deuteranomaly

252106

Tritanomaly

1D2218

Monochromacy



Original Color

1B2403

Achromatopsia

1E1E1E

Achromatomaly

1D2014

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2403 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 #1B2403 looks like.

```
.text, #text, p{  
    color:#1B2403  
}
```

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 #1B2403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2403
}
```

Border

The CSS property to change the border of an element to Hex 1B2403 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".

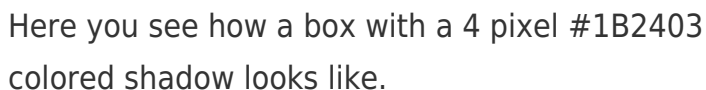
```
.border, #border, table{ border:4px solid
#1B2403 }
```

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

```
.border{ border-color:#1B2403 }
```

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

Here you see how a box with a 4 pixel #1B2403 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2403; -webkit-box-shadow:4px 4px  
4px 4px #1B2403; box-shadow:4px 4px 4px  
4px #1B2403 }
```

Background

The CSS property to change the background color of an element to Hex 1B2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2403 }
```

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

```
.background{ background-color:#1B2403 }
```

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