

Converting Colors

Hex(1B2304)

Have a look what the booklet for
Hex(1B2304) contains.

Hex(1B2304)	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(1B2304)

Conversions

Conversions Part 1

Format	Color
Hex	1B2304
RGB	27, 35, 4
RGB Percent	11%, 14%, 2%
CMY	0.8941, 0.8627, 0.9843
CMYK	0.23, 0.00, 0.89, 0.86
HSL	75°, 79%, 8%
HSV	75°, 89%, 14%
XYZ	1.0749, 1.4438, 0.3369
YIQ	29.0740, 5.1830, -11.3370

Conversions

Conversions Part 2

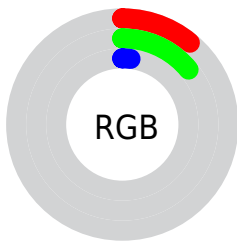
Format	Color
R_{YB}	4, 35, 12
Decimal	1778436
CIE Lab	12.25, -9.52, 16.30
CIE LCh	12, 18.873, 120.292
Yxy	1.4438, 0.3764, 0.5056
Android (android.graphics.Color)	4279968516 (0xFF1B2304)
YUV	29.0740, -12.3615, -1.8189
Hunter-Lab	12.0160, -5.0595, 6.7489

Details

The Hex color **1B2304** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C0423**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **464F32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2301**, and if you desaturate by 10%, it is **1C2308**.

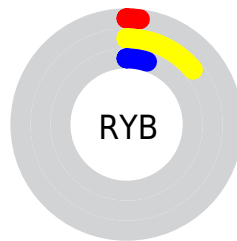
Distribution



Red (11%)

Green (14%)

Blue (2%)



Red (2%)

Yellow (14%)

Blue (5%)

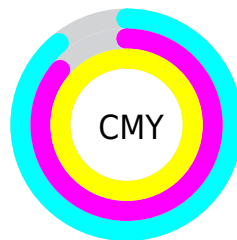


Cyan (23%)

Magenta (0%)

Yellow (89%)

Black (86%)



Cyan (89%)

Magenta (86%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2304 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 1B2304 by changing the saturation by 10% instead.

 1B2304

 1B2304

 FFFFE5

 000F00

 464F32

 000000

 5E6749

 778160


 919B79

 ABB593

 C7D1AE

 E3EDC9

 1B2304

 1B2304

■ 1A2301

■ 1C2308

■ 1A2300

■ 1D230B

■ 1E230F

■ 1F2312

■ 202316

■ 202319

■ 21231D

■ 222320

■ 232324

Harmonies

Analogous

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



281F00



1B2304



082512

Triad

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



1B2304



002536



371420

Complementary

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



1B2304



0C0423

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.



30172D



1B2304



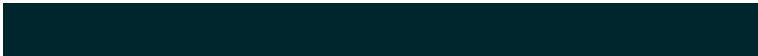
05213A

Square

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



1B2304



00262D



211D36



371613

Rectangle

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



1B2304



00261B



211D36



361525

Sweetspot

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



1B2304



2B2E22



230C04



151710



969696



171717

Same Dimension

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



1B2304



222E00



0C2304



111210



3D5200



9BD100

Inverse Universe

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



0C0423



0C002E



1B0423



111012



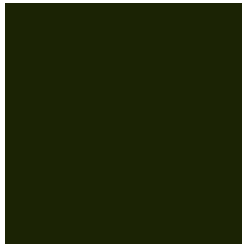
150052



3600D1

Previews

White Background



This preview shows how the Hex color 1B2304 looks on a white background.

Color Contrast Check

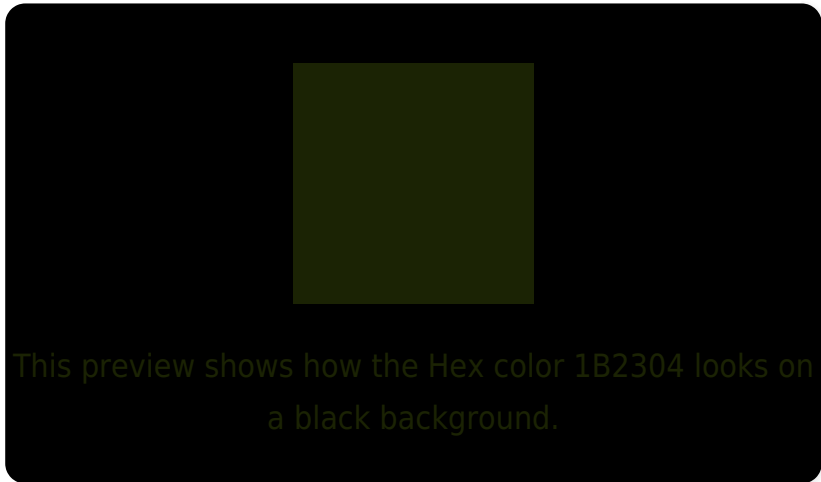
Large Text (above 18pt) WCAG AA ✓ Pass

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

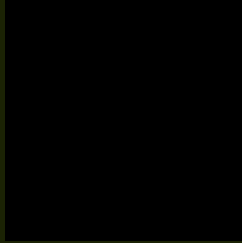
Any Text WCAG AA × Fail

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 1B2304 Background



This preview shows how black text looks on a background with the Hex color 1B2304.

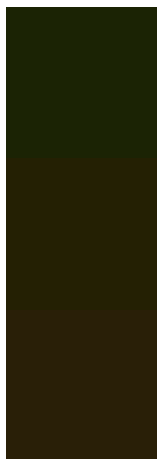


This preview shows how white text looks on a background with the Hex color 1B2304.

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](#).

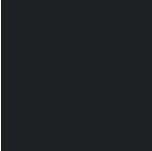
Dichromacy



Original Color
1B2304

Protanopia
242003

Deuteranopia
291F07



Tritanopia
1E2123

Trichromacy



Original Color
1B2304

Protanomaly
212103

Deuteranomaly
242006

Tritanomaly
1D2218

Monochromacy



Original Color
1B2304

Achromatopsia
1D1D1D

Achromatomaly
1C1F14

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2304 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 #1B2304 looks like.

```
.text, #text, p{  
    color:#1B2304  
}
```

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 #1B2304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2304
}
```

Border

The CSS property to change the border of an element to Hex 1B2304 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
#1B2304 }
```

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

```
.border{ border-color:#1B2304 }
```

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

Here you see how a box with a 4 pixel #1B2304 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2304; -webkit-box-shadow:4px 4px  
4px 4px #1B2304; box-shadow:4px 4px 4px  
4px #1B2304 }
```

Background

The CSS property to change the background color of an element to Hex 1B2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2304 }
```

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

```
.background{ background-color:#1B2304 }
```

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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