

Converting Colors

Hex(23241B)

Have a look what the booklet for
Hex(23241B) contains.

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Color

Hex(23241B)

Conversions

Conversions Part 1

Format	Color
Hex	23241B
RGB	35, 36, 27
RGB Percent	14%, 14%, 11%
CMY	0.8627, 0.8588, 0.8941
CMYK	0.03, 0.00, 0.25, 0.86
HSL	67°, 14%, 12%
HSV	67°, 25%, 14%
XYZ	1.5218, 1.6982, 1.2845
YIQ	34.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

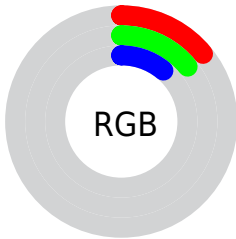
Format	Color
R_{YB}	27, 36, 28
Decimal	2303003
CIE Lab	13.82, -2.50, 5.88
CIE LCh	14, 6.387, 113.011
Yxy	1.6982, 0.3378, 0.3770
Android (android.graphics.Color)	4280493083 (0xFF23241B)
YUV	34.6750, -3.7838, 0.2850
Hunter-Lab	13.0315, -1.9597, 3.2780

Details

The Hex color **23241B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C1B24**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4F5046**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **232417**, and if you desaturate by 10%, it is **23241F**.

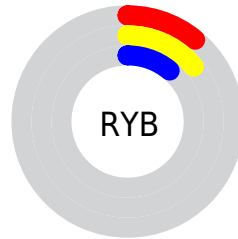
Distribution



Red (14%)

Green (14%)

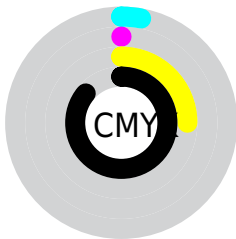
Blue (11%)



Red (11%)

Yellow (14%)

Blue (11%)

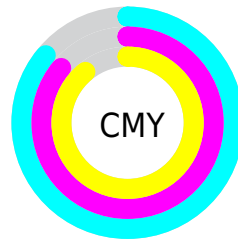


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (86%)



Cyan (86%)

Magenta (86%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23241B 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 23241B by changing the saturation by 10% instead.

■ 23241B

■ 23241B

FFFFFF

■ 0E0F00

■ 4F5046

■ 000000

■ 67685E

■ 818276

■ 9B9C90

■ B5B6AB

■ D1D2C6

■ EDEEE2

■ 23241B

■ 23241B

■ 232417

■ 23241F

■ 222414

■ 242422

■ 222410

■ 242426

■ 21240D

■ 252429

■ 212409

■ 25242D

■ 212405

■ 252431

■ 202402

■ 262434

■ 202400

■ 262438

■ 27243B

Harmonies

Analogous

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



28231A



23241B



1E251E

Triad

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



23241B



18252A



2C2024

Complementary

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



23241B



1C1B24

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.



282129



23241B



1D242C

Square

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



23241B



172627



23222B



2D2020

Rectangle

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



23241B



1B2620



23222B



2B2026

Sweetspot

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



23241B



2D2E2A



241C1B



171715



969696



171717

Same Dimension

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



23241B



2C2E20



1F241B



121210



495200



BAD100

Inverse Universe

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



1C1B24



22202E



201B24



101012



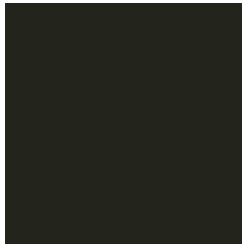
090052



1700D1

Previews

White Background



This preview shows how the Hex color 23241B looks on a white background.

Color Contrast Check

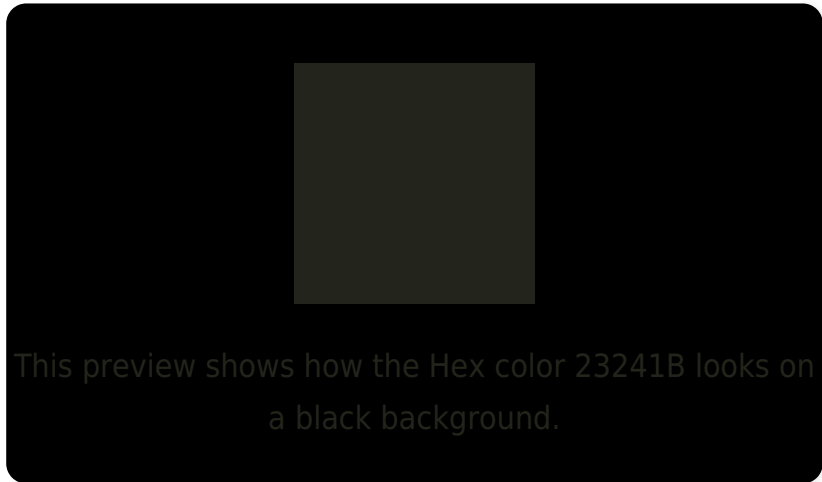
Large Text (above 18pt) WCAG AA ✓ Pass

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

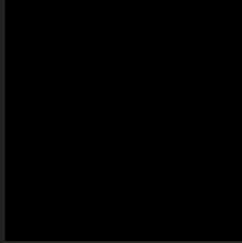
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

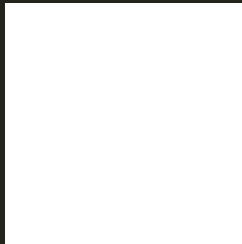
Any Text WCAG AAA × Fail

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

Hex 23241B Background



This preview shows how black text looks on a background with the Hex color 23241B.

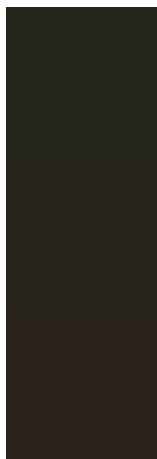


This preview shows how white text looks on a background with the Hex color 23241B.

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
23241B

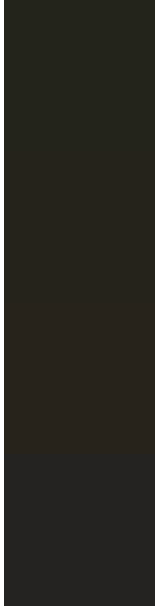
Protanopia
26231B

Deuteranopia
29221B



Tritanopia
242325

Trichromacy



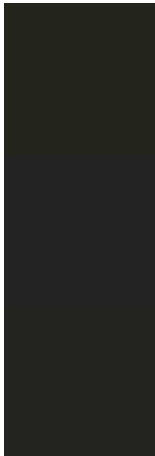
Original Color
23241B

Protanomaly
25231B

Deuteranomaly
27231B

Tritanomaly
242321

Monochromacy



Original Color
23241B

Achromatopsia
232323

Achromatomaly
232320

CSS Examples

Text

The CSS property to change the color of the text to Hex 23241B 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 #23241B looks like.

```
.text, #text, p{  
    color:#23241B  
}
```

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 #23241B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23241B
}
```

Border

The CSS property to change the border of an element to Hex 23241B is called "border". The border property can be set on classes, ids or directly on the HTML element.

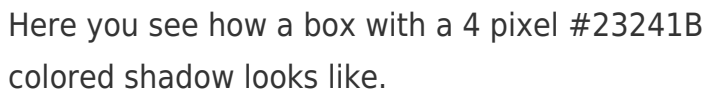
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23241B }
```

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

```
.border{ border-color:#23241B }
```

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



Here you see how a box with a 4 pixel #23241B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23241B; -webkit-box-shadow:4px 4px  
4px 4px #23241B; box-shadow:4px 4px 4px  
4px #23241B }
```

Background

The CSS property to change the background color of an element to Hex 23241B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23241B }
```

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

```
.background{ background-color:#23241B }
```

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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