

Converting Colors

Hex(4B1D23)

Have a look what the booklet for
Hex(4B1D23) contains.

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Color

Hex(4B1D23)

Conversions

Conversions Part 1

Format	Color
Hex	4B1D23
RGB	75, 29, 35
RGB Percent	29%, 11%, 14%
CMY	0.7059, 0.8863, 0.8627
CMYK	0.00, 0.61, 0.53, 0.71
HSL	352°, 44%, 20%
HSV	352°, 61%, 29%
XYZ	3.6444, 2.4959, 1.8798
YIQ	43.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

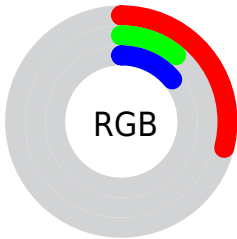
Format	Color
R_{YB}	75, 29, 35
Decimal	4922659
CIE _{Lab}	17.90, 22.48, 6.76
CIE _{LCh}	18, 23.475, 16.731
Yxy	2.4959, 0.4544, 0.3112
Android (android.graphics.Color)	4283112739 (0xFF4B1D23)
YUV	43.4380, -4.1599, 27.6799
Hunter-Lab	15.7985, 13.5288, 4.0043

Details

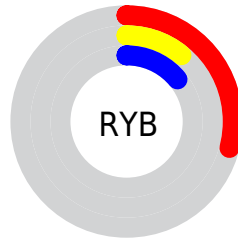
The Hex color **4B1D23** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D4B45**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7E4B4F**, and **1A0001** is the 20% darker color. If you saturate the color by 10%, you get **4B151C**, and if you desaturate by 10%, it is **4B252A**.

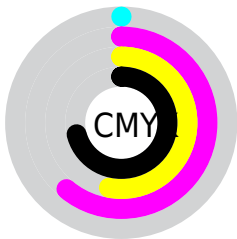
Distribution



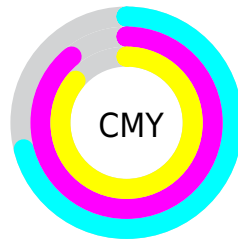
- Red (29%)
- Green (11%)
- Blue (14%)



- Red (29%)
- Yellow (11%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (53%)
- Black (71%)



- Cyan (71%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1D23 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 4B1D23 by changing the saturation by 10% instead.

 4B1D23

 4B1D23

FFFFFF

 33070D

 7E4B4F

 1A0001

 996367

 000000

 B57C80

 D1969A

 EEB1B5

 FFCDD1

 FFE9ED

 4B1D23

 4B1D23

■ 4B151C

■ 4B252A

■ 4B0E16

■ 4B2C30

■ 4B060F

■ 4B3337

■ 4B000A

■ 4B3B3D

■ 4B4344

■ 4B4A4A

■ 4B5251

■ 4B5957

■ 4B615E

Harmonies

Analogous

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



471E34



4B1D23



462214

Triad

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



4B1D23



183214



00304D

Complementary

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



4B1D23



1D4B45

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.



003344



4B1D23



003423

Square

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



4B1D23



2C2E07



003435



1F2A4C

Rectangle

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



4B1D23



40260B



003435



00314B

Sweetspot

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



4B1D23



614F52



451D4B



302627



B0B0B0



303030

Same Dimension

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



4B1D23



611923



4B2E1D



262223



66000D



E6001E

Inverse Universe

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



4B1D23



611923



1D3A4B



262223



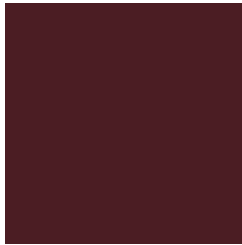
66000D



E6001E

Previews

White Background



This preview shows how the Hex color 4B1D23 looks on a white background.

Color Contrast Check

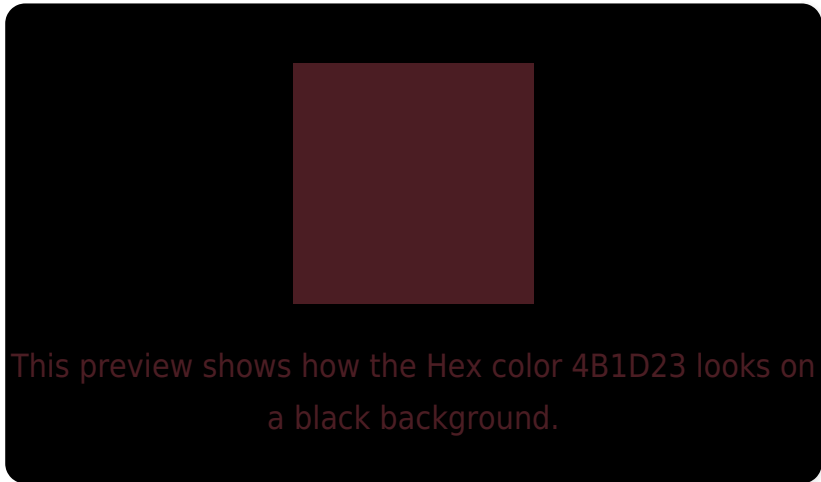
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B1D23 Background



This preview shows how black text looks on a background with the Hex color 4B1D23.

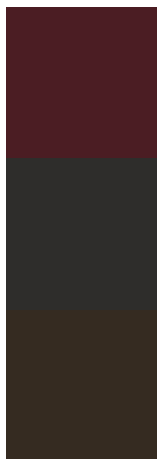


This preview shows how white text looks on a background with the Hex color 4B1D23.

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
4B1D23

Protanopia
2E2D2B

Deuteranopia
352B21



Tritanopia
4B1E1F

Trichromacy



Original Color

4B1D23

Protanomaly

392728

Deuteranomaly

3D2622

Tritanomaly

4B1E20

Monochromacy



Original Color

4B1D23

Achromatopsia

2B2B2B

Achromatomaly

372628

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1D23 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 #4B1D23 looks like.

```
.text, #text, p{  
    color:#4B1D23  
}
```

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 #4B1D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1D23  
}
```

Border

The CSS property to change the border of an element to Hex 4B1D23 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  
#4B1D23 }
```

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

```
.border{ border-color:#4B1D23 }
```

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

Here you see how a box with a 4 pixel #4B1D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1D23; -webkit-box-shadow:4px 4px  
4px 4px #4B1D23; box-shadow:4px 4px 4px  
4px #4B1D23 }
```

Background

The CSS property to change the background color of an element to Hex 4B1D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1D23 }
```

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

```
.background{ background-color:#4B1D23 }
```

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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