

Converting Colors

Hex(877B23)

Have a look what the booklet for
Hex(877B23) contains.

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Color

Hex(877B23)

Conversions

Conversions Part 1

Format	Color
Hex	877B23
RGB	135, 123, 35
RGB Percent	53%, 48%, 14%
CMY	0.4706, 0.5176, 0.8627
CMYK	0.00, 0.09, 0.74, 0.47
HSL	53°, 59%, 33%
HSV	53°, 74%, 53%
XYZ	17.3780, 19.4382, 4.4261
YIQ	116.5560, 35.4000, -24.8240

Conversions

Conversions Part 2

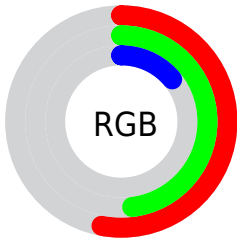
Format	Color
R_{YB}	49, 135, 35
Decimal	8878883
CIE Lab	51.20, -5.85, 47.09
CIE LCh	51, 47.450, 97.084
Yxy	19.4382, 0.4214, 0.4713
Android (android.graphics.Color)	4287068963 (0xFF877B23)
YUV	116.5560, -40.2071, 16.1754
Hunter-Lab	44.0887, -6.7978, 24.9099

Details

The Hex color **877B23** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **232F87**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **BFAF56**, and **524B00** is the 20% darker color. If you saturate the color by 10%, you get **877915**, and if you desaturate by 10%, it is **877D31**.

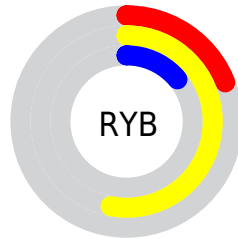
Distribution



Red (53%)

Green (48%)

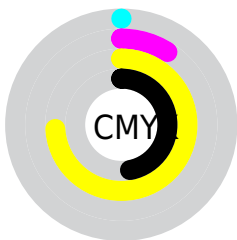
Blue (14%)



Red (19%)

Yellow (53%)

Blue (14%)

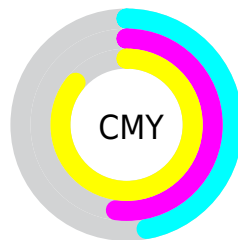


Cyan (0%)

Magenta (9%)

Yellow (74%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877B23 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 877B23 by changing the saturation by 10% instead.



877B23



877B23

FFFFFF



6C6204



BFAF56



524B00



DCCB70



383400



F9E78A



201F00



FFFFA5



000800



FFFC1



000000



FFFDD



FFFFFA



877B23



877B23

■ 877915

■ 877D31

■ 877808

■ 877E3E

■ 877700

■ 87804C

■ 878159

■ 878367

■ 878574

■ 878682

■ 87888F

■ 878A9C

Harmonies

Analogous

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



A96C2D



877B23



5C8535

Triad

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



877B23



008CAA



B35B9A

Complementary

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



877B23



232F87

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.



896BBB



877B23



0087C4

Square

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



877B23



008E83



3B7BCA



C45572

Rectangle

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



877B23



358A4C



3B7BCA



A860A7

Sweetspot

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



877B23



B0AB89



872330



595642



D9D9D9



595959

Same Dimension

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



877B23



B09D13



628723



42423C



827200



030200

Inverse Universe

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



232F87



1326B0



482387



3C3C42



001082



000003

Previews

White Background



This preview shows how the Hex color 877B23 looks on a white background.

Color Contrast Check

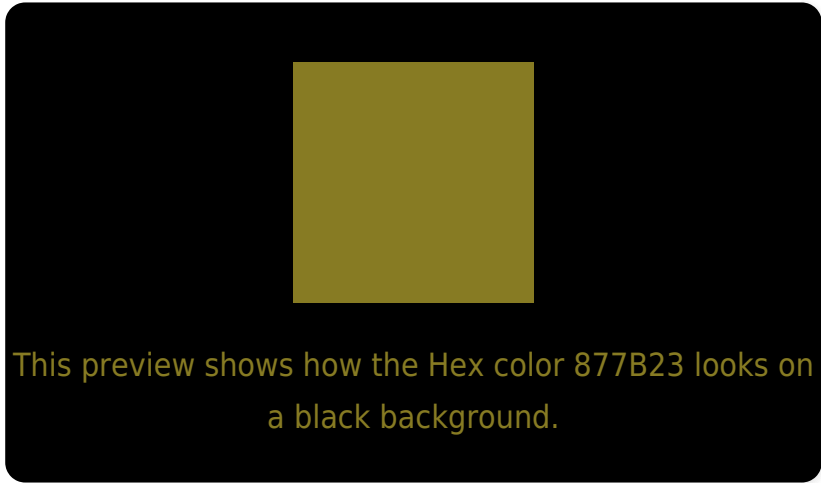
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

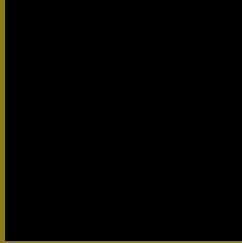
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 877B23 Background



This preview shows how black text looks on a background with the Hex color 877B23.



This preview shows how white text looks on a background with the Hex color 877B23.

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
877B23

Protanopia
897A23

Deuteranopia
997426



Tritanopia
8E737C

Trichromacy



Original Color
877B23

Protanomaly
887A23

Deuteranomaly
927725

Tritanomaly
8B765C

Monochromacy



Original Color
877B23

Achromatopsia
757575

Achromatomaly
7C7757

CSS Examples

Text

The CSS property to change the color of the text to Hex 877B23 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 #877B23 looks like.

```
.text, #text, p{  
    color:#877B23  
}
```

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 #877B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877B23
}
```

Border

The CSS property to change the border of an element to Hex 877B23 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
#877B23 }
```

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

```
.border{ border-color:#877B23 }
```

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

Here you see how a box with a 4 pixel #877B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877B23; -webkit-box-shadow:4px 4px  
4px 4px #877B23; box-shadow:4px 4px 4px  
4px #877B23 }
```

Background

The CSS property to change the background color of an element to Hex 877B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877B23 }
```

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

```
.background{ background-color:#877B23 }
```

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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