

Converting Colors

Hex(8C7F23)

Have a look what the booklet for
Hex(8C7F23) contains.

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Color

Hex(8C7F23)

Conversions

Conversions Part 1

Format	Color
Hex	8C7F23
RGB	140, 127, 35
RGB Percent	55%, 50%, 14%
CMY	0.4510, 0.5020, 0.8627
CMYK	0.00, 0.09, 0.75, 0.45
HSL	53°, 60%, 34%
HSV	53°, 75%, 55%
XYZ	18.7080, 20.8755, 4.6335
YIQ	120.3990, 37.2800, -25.8560

Conversions

Conversions Part 2

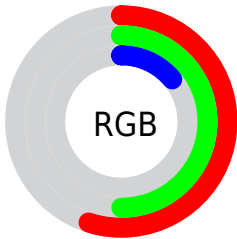
Format	Color
RYB	50, 140, 35
Decimal	9207587
CIELab	52.81, -5.76, 48.82
CIELCh	53, 49.157, 96.729
Yxy	20.8755, 0.4231, 0.4721
Android (android.graphics.Color)	4287397667 (0xFF8C7F23)
YUV	120.3990, -42.1017, 17.1901
Hunter-Lab	45.6898, -6.8691, 25.9701

Details

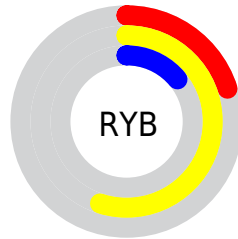
The Hex color **8C7F23** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **23308C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C4B357**, and **564E00** is the 20% darker color. If you saturate the color by 10%, you get **8C7D15**, and if you desaturate by 10%, it is **8C8131**.

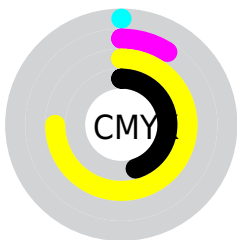
Distribution



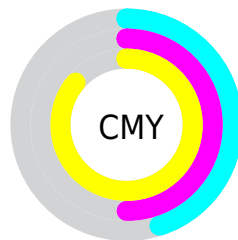
- Red (55%)
- Green (50%)
- Blue (14%)



- Red (20%)
- Yellow (55%)
- Blue (14%)



- Cyan (0%)
- Magenta (9%)
- Yellow (75%)
- Black (45%)



- Cyan (45%)
- Magenta (50%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C7F23 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 8C7F23 by changing the saturation by 10% instead.



8C7F23



8C7F23

FFFFFF



716603



C4B357



564E00



E1CF71



3D3800



FFEB8B



242300



FFFFA6



010E00



FFFFC2



000000



FFFFDE



FFFFFB



8C7F23



8C7F23

■ 8C7D15

■ 8C8131

■ 8C7C07

■ 8C823F

■ 8C7B00

■ 8C844D

■ 8C865B

■ 8C8869

■ 8C8977

■ 8C8B85

■ 8C8D93

■ 8C8FA1

Harmonies

Analogous

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



AF702F



8C7F23



5F8A36

Triad

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



8C7F23



0091AF



B95EA0

Complementary

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



8C7F23



23308C

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.



8D6FC2



8C7F23



008BCB

Square

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



8C7F23



009387



3980D2



CB5776

Rectangle

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



8C7F23



378F4E



3980D2



AD63AD

Sweetspot

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



8C7F23



B5B08B



8C2331



5C5942



DBDBDB



5C5C5C

Same Dimension

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



8C7F23



B5A112



668C23



45443E



857400



050400

Inverse Universe

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



23308C



1226B5



49238C



3E3F45



001085



000105

Previews

White Background



This preview shows how the Hex color 8C7F23 looks on a white background.

Color Contrast Check

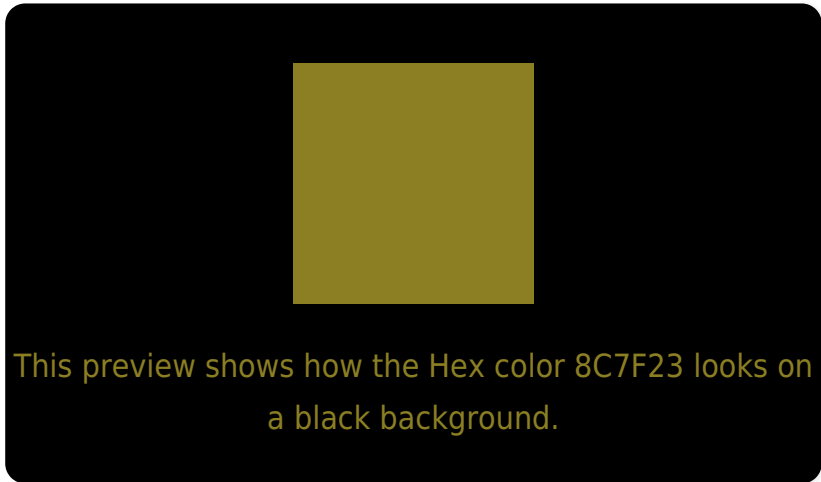
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C7F23 Background



This preview shows how black text looks on a background with the Hex color 8C7F23.



This preview shows how white text looks on a background with the Hex color 8C7F23.

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
8C7F23

Protanopia
8E7E23

Deuteranopia
9E7826



Tritanopia
937680

Trichromacy



Original Color
8C7F23

Protanomaly
8D7E23

Deuteranomaly
977B25

Tritanomaly
90795E

Monochromacy



Original Color
8C7F23

Achromatopsia
787878

Achromatomaly
7F7B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C7F23 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 #8C7F23 looks like.

```
.text, #text, p{  
    color:#8C7F23  
}
```

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 #8C7F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7F23
}
```

Border

The CSS property to change the border of an element to Hex 8C7F23 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
#8C7F23 }
```

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

```
.border{ border-color:#8C7F23 }
```

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

Here you see how a box with a 4 pixel #8C7F23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7F23; -webkit-box-shadow:4px 4px  
4px 4px #8C7F23; box-shadow:4px 4px 4px  
4px #8C7F23 }
```

Background

The CSS property to change the background color of an element to Hex 8C7F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7F23 }
```

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

```
.background{ background-color:#8C7F23 }
```

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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