

Converting Colors

Hex(826F23)

Have a look what the booklet for
Hex(826F23) contains.

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Color

Hex(826F23)

Conversions

Conversions Part 1

Format	Color
Hex	826F23
RGB	130, 111, 35
RGB Percent	51%, 44%, 14%
CMY	0.4902, 0.5647, 0.8627
CMYK	0.00, 0.15, 0.73, 0.49
HSL	48°, 58%, 32%
HSV	48°, 73%, 51%
XYZ	15.1937, 16.2361, 3.9232
YIQ	108.0170, 35.7200, -19.6080

Conversions

Conversions Part 2

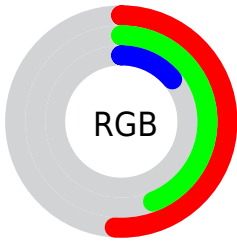
Format	Color
RYB	59, 130, 35
Decimal	8548131
CIELab	47.28, -1.41, 43.05
CIELCh	47, 43.074, 91.876
Yxy	16.2361, 0.4298, 0.4593
Android (android.graphics.Color)	4286738211 (0xFF826F23)
YUV	108.0170, -35.9974, 19.2791
Hunter-Lab	40.2940, -3.2071, 22.4331

Details

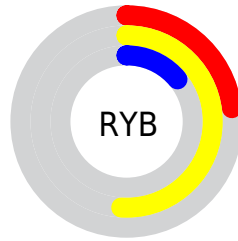
The Hex color **826F23** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **233682**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BAA255**, and **4D4000** is the 20% darker color. If you saturate the color by 10%, you get **826C16**, and if you desaturate by 10%, it is **827230**.

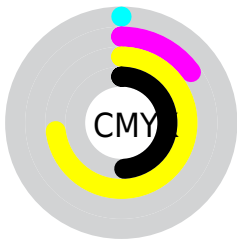
Distribution



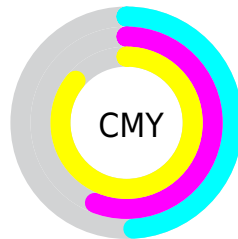
- Red (51%)
- Green (44%)
- Blue (14%)



- Red (23%)
- Yellow (51%)
- Blue (14%)



- Cyan (0%)
- Magenta (15%)
- Yellow (73%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 826F23 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 826F23 by changing the saturation by 10% instead.

 826F23

 826F23

FFFFFF

 675707

 BAA255

 4D4000

 D6BD6E

 342A00

 F4D988

 1C1600

 FFF5A3

 000000

 FFFFBF

 FFFFDB

 FFFFF8

 826F23

 826F23

■ 826C16

■ 827230

■ 826A09

■ 82743D

■ 826800

■ 82774A

■ 827957

■ 827C64

■ 827F71

■ 82817E

■ 82848B

■ 828698

Harmonies

Analogous

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



9F6230



826F23



5D792F

Triad

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



826F23



008195



9E5793

Complementary

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



826F23



233682

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.



7566AE



826F23



007DB0

Square

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



826F23



008271



2673B9



B1506F

Rectangle

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



826F23



3E7E41



2673B9



935C9D

Sweetspot

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



826F23



A8A183



822336



54503E



D4D4D4



545454

Same Dimension

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



826F23



A88B14



668223



403E39



806600



000000

Inverse Universe

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



233682



1432A8



3F2382



393B40



001A80



000000

Previews

White Background



This preview shows how the Hex color 826F23 looks on a white background.

Color Contrast Check

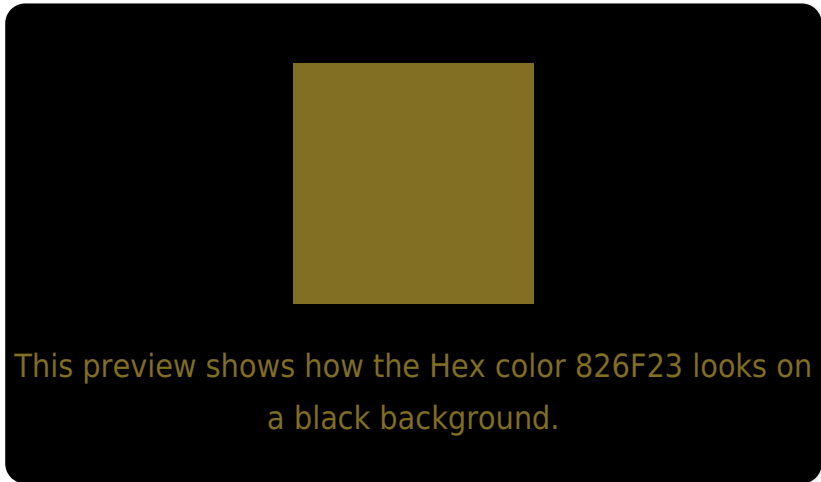
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 826F23 Background



This preview shows how black text looks on a background with the Hex color 826F23.



This preview shows how white text looks on a background with the Hex color 826F23.

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
826F23

Protanopia
7E7123

Deuteranopia
8D6B25



Tritanopia
886870

Trichromacy



Original Color
826F23

Protanomaly
7F7023

Deuteranomaly
896C24

Tritanomaly
866B54

Monochromacy



Original Color
826F23

Achromatopsia
6C6C6C

Achromatomaly
746D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 826F23 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 #826F23 looks like.

```
.text, #text, p{  
    color:#826F23  
}
```

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 #826F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826F23
}
```

Border

The CSS property to change the border of an element to Hex 826F23 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
#826F23 }
```

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

```
.border{ border-color:#826F23 }
```

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

Here you see how a box with a 4 pixel #826F23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826F23; -webkit-box-shadow:4px 4px  
4px 4px #826F23; box-shadow:4px 4px 4px  
4px #826F23 }
```

Background

The CSS property to change the background color of an element to Hex 826F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826F23 }
```

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

```
.background{ background-color:#826F23 }
```

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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