

Converting Colors

Hex(7EAB23)

Have a look what the booklet for
Hex(7EAB23) contains.

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Color

Hex(7EAB23)

Conversions

Conversions Part 1

Format	Color
Hex	7EAB23
RGB	126, 171, 35
RGB Percent	49%, 67%, 14%
CMY	0.5059, 0.3294, 0.8627
CMYK	0.26, 0.00, 0.80, 0.33
HSL	80°, 66%, 40%
HSV	80°, 80%, 67%
XYZ	23.4705, 33.6828, 6.8545
YIQ	142.0410, 16.8360, -51.8360

Conversions

Conversions Part 2

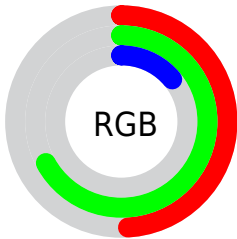
Format	Color
RYB	35, 171, 80
Decimal	8301347
CIELab	64.71, -34.20, 59.59
CIELCh	65, 68.710, 119.851
Yxy	33.6828, 0.3667, 0.5262
Android (android.graphics.Color)	4286491427 (0xFF7EAB23)
YUV	142.0410, -52.7712, -14.0680
Hunter-Lab	58.0369, -29.3780, 33.6233

Details

The Hex color **7EAB23** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5023AB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B6E35C**, and **477600** is the 20% darker color. If you saturate the color by 10%, you get **78AB12**, and if you desaturate by 10%, it is **84AB34**.

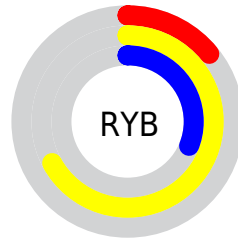
Distribution



Red (49%)

Green (67%)

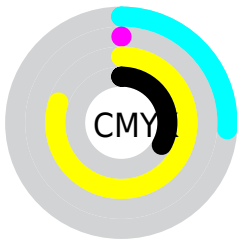
Blue (14%)



Red (14%)

Yellow (67%)

Blue (31%)

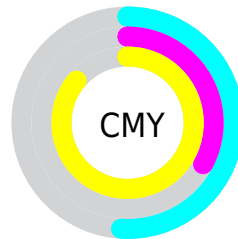


Cyan (26%)

Magenta (0%)

Yellow (80%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EAB23 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 7EAB23 by changing the saturation by 10% instead.



7EAB23



7EAB23

FFFFFF



639000



B6E35C



477600



D3FF77



2D5D00



F1FF93



0A4500



FFFFAF



002F00



FFFFCB



001900



FFFFE8



000000



7EAB23



7EAB23



78AB12



84AB34

 73AB01

 89AB45

 72AB00

 8FAB56

 95AB67

 9AAB79

 A0AB8A

 A6AB9B

 ABABAC

 B1ABBD

Harmonies

Analogous

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



BB9A00



7EAB23



00B55C

Triad

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



7EAB23



00B3FF



FF5FA0

Complementary

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



7EAB23



5023AB

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.



E671DC



7EAB23



00A4FF

Square

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



7EAB23



00B9D9



9A8DFE



FF6964

Rectangle

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



7EAB23



00B885



9A8DFF



FF62B5

Sweetspot

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



7EAB23



CCDEA9



AB4E23



657050



F0F0F0



707070

Same Dimension

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



7EAB23



98DE0B



3CAB23



54574E



659600



0F1700

Inverse Universe

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



5023AB



510BDE



9223AB



514E57



320096



080017

Previews

White Background



This preview shows how the Hex color 7EAB23 looks on a white background.

Color Contrast Check

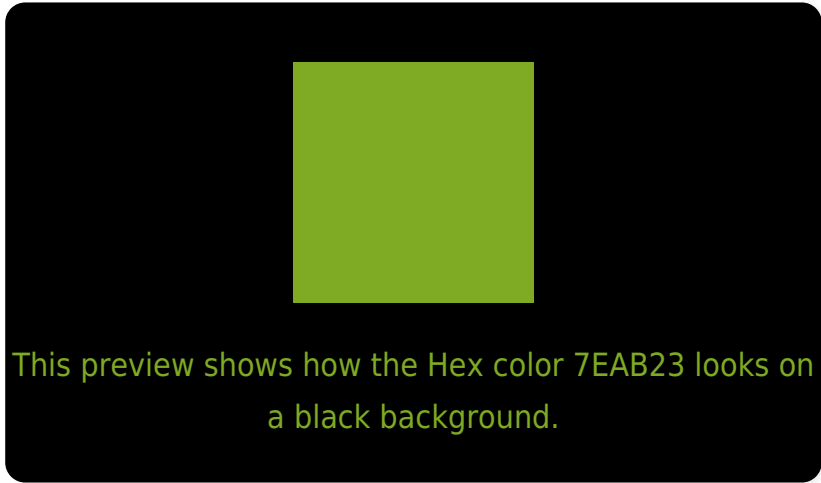
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 7EAB23 Background



This preview shows how black text looks on a background with the Hex color 7EAB23.



This preview shows how white text looks on a background with the Hex color 7EAB23.

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
7EAB23

Protanopia
B09D1F

Deuteranopia
C4942E



Tritanopia
8D9FAC

Trichromacy



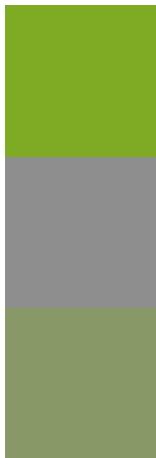
Original Color
7EAB23

Protanomaly
9EA220

Deuteranomaly
AB9C2A

Tritanomaly
88A37A

Monochromacy



Original Color
7EAB23

Achromatopsia
8E8E8E

Achromatomaly
889967

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EAB23 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 #7EAB23 looks like.

```
.text, #text, p{  
    color:#7EAB23  
}
```

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 #7EAB23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EAB23
}
```

Border

The CSS property to change the border of an element to Hex 7EAB23 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
#7EAB23 }
```

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

```
.border{ border-color:#7EAB23 }
```

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

Here you see how a box with a 4 pixel #7EAB23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EAB23; -webkit-box-shadow:4px 4px  
4px 4px #7EAB23; box-shadow:4px 4px 4px  
4px #7EAB23 }
```

Background

The CSS property to change the background color of an element to Hex 7EAB23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EAB23 }
```

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

```
.background{ background-color:#7EAB23 }
```

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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