

Converting Colors

Hex(7A8217)

Have a look what the booklet for
Hex(7A8217) contains.

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Color

Hex(7A8217)

Conversions

Conversions Part 1

Format	Color
Hex	7A8217
RGB	122, 130, 23
RGB Percent	48%, 51%, 9%
CMY	0.5216, 0.4902, 0.9098
CMYK	0.06, 0.00, 0.82, 0.49
HSL	64°, 70%, 30%
HSV	64°, 82%, 51%
XYZ	16.1633, 20.1647, 3.8509
YIQ	115.4100, 29.5790, -34.9730

Conversions

Conversions Part 2

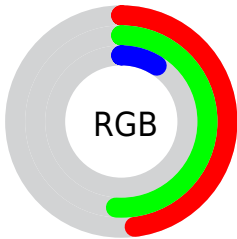
Format	Color
R_{YB}	23, 130, 31
Decimal	8028695
CIE Lab	52.02, -16.19, 51.63
CIE LCh	52, 54.110, 107.409
Yxy	20.1647, 0.4023, 0.5019
Android (android.graphics.Color)	4286218775 (0xFF7A8217)
YUV	115.4100, -45.5581, 5.7794
Hunter-Lab	44.9051, -14.3340, 26.3491

Details

The Hex color **7A8217** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1F1782**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B1B74E**, and **465100** is the 20% darker color. If you saturate the color by 10%, you get **79820A**, and if you desaturate by 10%, it is **7B8224**.

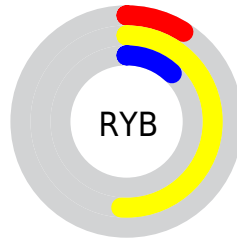
Distribution



Red (48%)

Green (51%)

Blue (9%)



Red (9%)

Yellow (51%)

Blue (12%)

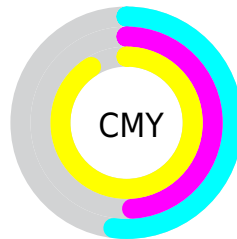


Cyan (6%)

Magenta (0%)

Yellow (82%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8217 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 7A8217 by changing the saturation by 10% instead.



7A8217



7A8217

FFFFFF



5F6900



B1B74E



465100



CED268



2C3A00



EBEF82



132400



FFFF9D



000D00



FFFFB9



000000



FFFFD6



FFFFF2



7A8217



7A8217

 79820A

 7B8224

 788200


 7C8231

 7D823E

 7E824B

 7F8258

 808265

 818272

 82827F

 83828C

Harmonies

Analogous

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



A47319



7A8217



428C39

Triad

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



7A8217



008FBF



C65292

Complementary

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



7A8217



1F1782

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.



A064BB



7A8217



0087D7

Square

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



7A8217



009296



5678D5



D05163

Rectangle

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



7A8217



009057



5678D5



BD57A1

Sweetspot

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



7A8217



A5A87E



821E17



52543B



D4D4D4



545454

Same Dimension

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



7A8217



9CA802



458217



3F4039



768000



000000

Inverse Universe

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



1F1782



0E02A8



541782



3A3940



0A0080



000000

Previews

White Background



This preview shows how the Hex color 7A8217 looks on a white background.

Color Contrast Check

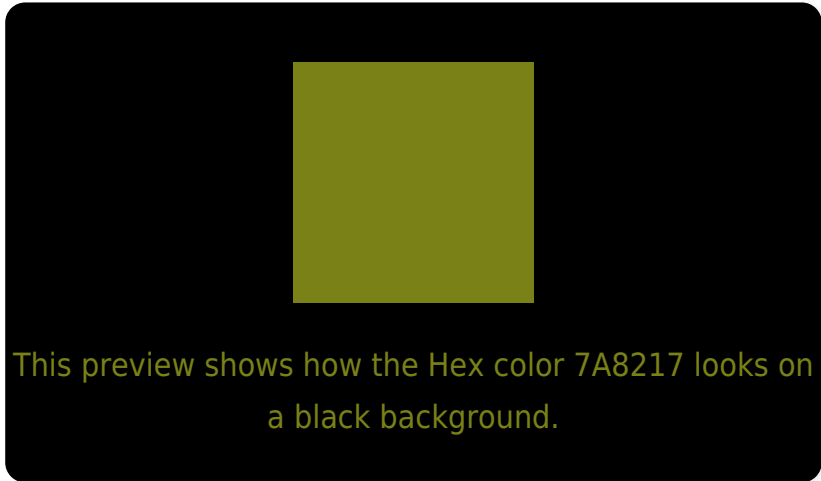
Large Text (above 18pt) WCAG AA ✓ Pass

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

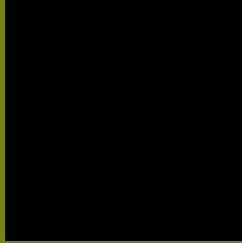
Any Text WCAG AA ✓ Pass

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 7A8217 Background



This preview shows how black text looks on a background with the Hex color 7A8217.



This preview shows how white text looks on a background with the Hex color 7A8217.

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

7A8217

Protanopia

8C7C15

Deuteranopia

9C761E



Tritanopia
837983

Trichromacy



Original Color
7A8217

Protanomaly
857E16

Deuteranomaly
907A1B

Tritanomaly
807C5C

Monochromacy



Original Color
7A8217

Achromatopsia
737373

Achromatomaly
767852

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8217 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 #7A8217 looks like.

```
.text, #text, p{  
    color:#7A8217  
}
```

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 #7A8217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8217
}
```

Border

The CSS property to change the border of an element to Hex 7A8217 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
#7A8217 }
```

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

```
.border{ border-color:#7A8217 }
```

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

Here you see how a box with a 4 pixel #7A8217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8217; -webkit-box-shadow:4px 4px  
4px 4px #7A8217; box-shadow:4px 4px 4px  
4px #7A8217 }
```

Background

The CSS property to change the background color of an element to Hex 7A8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8217 }
```

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

```
.background{ background-color:#7A8217 }
```

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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