

Converting Colors

Hex(4C7C23)

Have a look what the booklet for
Hex(4C7C23) contains.

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Color

Hex(4C7C23)

Conversions

Conversions Part 1

Format	Color
Hex	4C7C23
RGB	76, 124, 35
RGB Percent	30%, 49%, 14%
CMY	0.7020, 0.5137, 0.8627
CMYK	0.39, 0.00, 0.72, 0.51
HSL	92°, 56%, 31%
HSV	92°, 72%, 49%
XYZ	10.4915, 16.0732, 4.1396
YIQ	99.5020, -0.0390, -37.8550

Conversions

Conversions Part 2

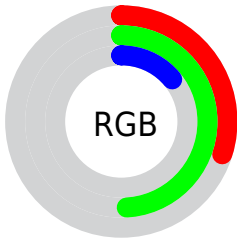
Format	Color
RYB	35, 124, 83
Decimal	5012515
CIELab	47.07, -32.01, 41.49
CIELCh	47, 52.402, 127.647
Yxy	16.0732, 0.3417, 0.5235
Android (android.graphics.Color)	4283202595 (0xFF4C7C23)
YUV	99.5020, -31.7995, -20.6113
Hunter-Lab	40.0913, -23.4481, 21.9420

Details

The Hex color **4C7C23** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **53237C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **81B155**, and **184B00** is the 20% darker color. If you saturate the color by 10%, you get **457C17**, and if you desaturate by 10%, it is **537C2F**.

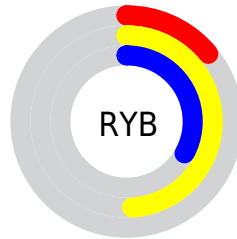
Distribution



 Red (30%)

 Green (49%)

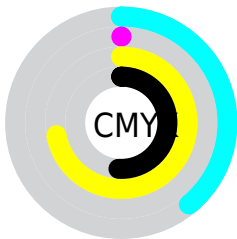
 Blue (14%)



 Red (14%)

 Yellow (49%)

 Blue (33%)

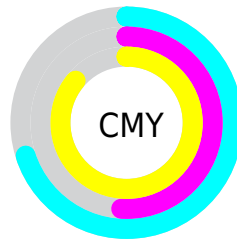


 Cyan (39%)


 Magenta (0%)

 Yellow (72%)

 Black (51%)



 Cyan (70%)

 Magenta (51%)

 Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7C23 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 4C7C23 by changing the saturation by 10% instead.



4C7C23



4C7C23

FFFFFF



326306



81B155



184B00



9CCD6F



003300



B8E989



002000



D4FFA4



000000



F1FFC0



FFFFDC



FFFFF9



4C7C23



4C7C23

■ 457C17

■ 537C2F

■ 3F7C0A

■ 597C3C

■ 397C00

■ 607C48

■ 677C55

■ 6D7C61

■ 747C6D

■ 7B7C7A

■ 827C86

■ 887C93

Harmonies

Analogous

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



7B7105



4C7C23



00824C

Triad

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



4C7C23



007DC1



BE4466

Complementary

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



4C7C23



53237C

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.



AD4C92



4C7C23



1171C7

Square

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



4C7C23



0083A4



805FB6



B84F3C

Rectangle

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



4C7C23



00846B



805FB6



BC4475

Sweetspot

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



4C7C23



8EA17D



7C5223



46523C



D1D1D1



525252

Same Dimension

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



4C7C23



56A116



237C26



3A3D37



3A7D00



74FC00

Inverse Universe

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



53237C



6116A1



7C2379



3A373D



43007D



8800FC

Previews

White Background



This preview shows how the Hex color 4C7C23 looks on a white background.

Color Contrast Check

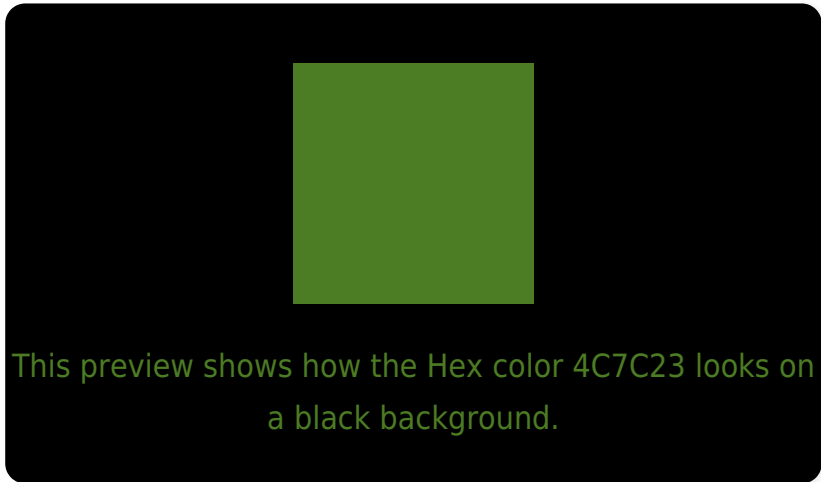
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C7C23 Background



This preview shows how black text looks on a background with the Hex color 4C7C23.



This preview shows how white text looks on a background with the Hex color 4C7C23.

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
4C7C23

Protanopia
7D6F20

Deuteranopia
8B6A2A



Tritanopia
59747D

Trichromacy



Original Color
4C7C23

Protanomaly
6B7421

Deuteranomaly
747127

Tritanomaly
54775C

Monochromacy



Original Color
4C7C23

Achromatopsia
646464

Achromatomaly
5B6D4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7C23 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 #4C7C23 looks like.

```
.text, #text, p{  
    color:#4C7C23  
}
```

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 #4C7C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7C23
}
```

Border

The CSS property to change the border of an element to Hex 4C7C23 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
#4C7C23 }
```

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

```
.border{ border-color:#4C7C23 }
```

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

Here you see how a box with a 4 pixel #4C7C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7C23; -webkit-box-shadow:4px 4px  
4px 4px #4C7C23; box-shadow:4px 4px 4px  
4px #4C7C23 }
```

Background

The CSS property to change the background color of an element to Hex 4C7C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7C23 }
```

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

```
.background{ background-color:#4C7C23 }
```

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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