

Converting Colors

Hex(496223)

Have a look what the booklet for
Hex(496223) contains.

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Color

Hex(496223)

Conversions

Conversions Part 1

Format	Color
Hex	496223
RGB	73, 98, 35
RGB Percent	29%, 38%, 14%
CMY	0.7137, 0.6157, 0.8627
CMYK	0.26, 0.00, 0.64, 0.62
HSL	84°, 47%, 26%
HSV	84°, 64%, 38%
XYZ	7.4187, 10.2732, 3.1820
YIQ	83.3430, 5.3230, -24.8930

Conversions

Conversions Part 2

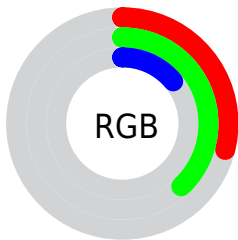
Format	Color
R_{YB}	35, 98, 60
Decimal	4809251
CIE Lab	38.33, -20.49, 32.07
CIE LCh	38, 38.054, 122.582
Yxy	10.2732, 0.3554, 0.4922
Android (android.graphics.Color)	4282999331 (0xFF496223)
YUV	83.3430, -23.8331, -9.0708
Hunter-Lab	32.0518, -14.7751, 16.5501

Details

The Hex color **496223** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3C2362**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7C9552**, and **1B3300** is the 20% darker color. If you saturate the color by 10%, you get **456219**, and if you desaturate by 10%, it is **4D622D**.

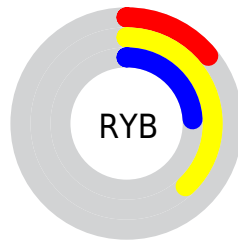
Distribution



Red (29%)

Green (38%)

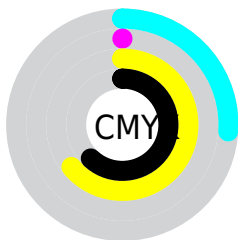
Blue (14%)



Red (14%)

Yellow (38%)

Blue (24%)

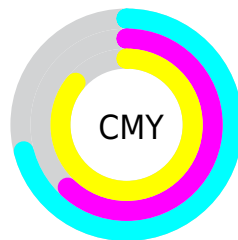


Cyan (26%)

Magenta (0%)

Yellow (64%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496223 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 496223 by changing the saturation by 10% instead.



496223



496223

FFFFFF



314A0B



7C9552



1B3300



96B06B



001F00



B1CB85



000000



CDE7A0



EAFFBB



FFFFD7



FFFFF3



496223



496223

■ 456219

■ 4D622D

■ 41620F

■ 516237

■ 3D6206

■ 556240

■ 3B6200

■ 59624A

■ 5C6254

■ 60625E

■ 646268

■ 686271

■ 6C627B

Harmonies

Analogous

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



695A18



496223



1A673D

Triad

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



496223



006591



923E59

Complementary

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



496223



3C2362

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.



824577



496223



1A5D98

Square

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



496223



00697B



5F518E



90433B

Rectangle

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



496223



006951



5F518E



8E3F63

Sweetspot

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



496223



768067



623B23



3A4031



BFBFBF



404040

Same Dimension

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



496223



59801D



2A6223



2F302C



447000



91F000

Inverse Universe

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



3C2362



441D80



5B2362



2E2C30



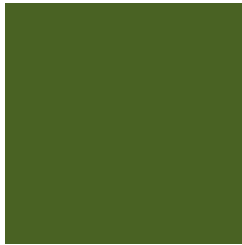
2D0070



5F00F0

Previews

White Background



This preview shows how the Hex color 496223 looks on a white background.

Color Contrast Check

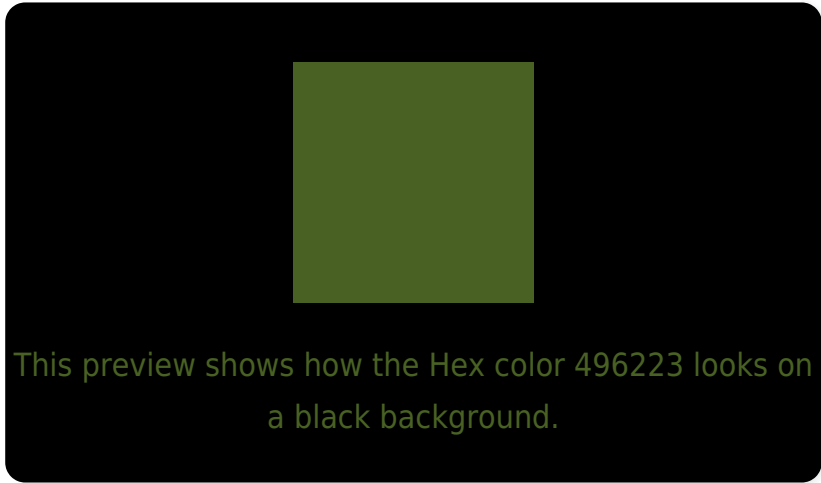
Large Text (above 18pt) WCAG AA ✓ Pass

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

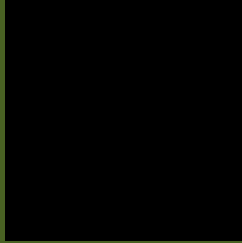
Any Text WCAG AA × Fail

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 496223 Background



This preview shows how black text looks on a background with the Hex color 496223.



This preview shows how white text looks on a background with the Hex color 496223.

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
496223

Protanopia
655A21

Deuteranopia
705627



Tritanopia
515C63

Trichromacy



Original Color
496223

Protanomaly
5B5D22

Deuteranomaly
625A26

Tritanomaly
4E5E4C

Monochromacy



Original Color
496223

Achromatopsia
535353

Achromatomaly
4F5842

CSS Examples

Text

The CSS property to change the color of the text to Hex 496223 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 #496223 looks like.

```
.text, #text, p{  
    color:#496223  
}
```

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 #496223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496223
}
```

Border

The CSS property to change the border of an element to Hex 496223 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
#496223 }
```

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

```
.border{ border-color:#496223 }
```

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

Here you see how a box with a 4 pixel #496223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496223; -webkit-box-shadow:4px 4px  
4px 4px #496223; box-shadow:4px 4px 4px  
4px #496223 }
```

Background

The CSS property to change the background color of an element to Hex 496223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496223 }
```

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

```
.background{ background-color:#496223 }
```

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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