

Converting Colors

Decimal(4600093)

Have a look what the booklet for
Decimal(4600093) contains.

Decimal(4600093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4600093)

Conversions

Conversions Part 1

Format	Color
Hex	46311D
RGB	70, 49, 29
RGB Percent	27%, 19%, 11%
CMY	0.7255, 0.8078, 0.8863
CMYK	0.00, 0.30, 0.59, 0.73
HSL	29°, 41%, 19%
HSV	29°, 59%, 27%
XYZ	3.8459, 3.5874, 1.6521
YIQ	52.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

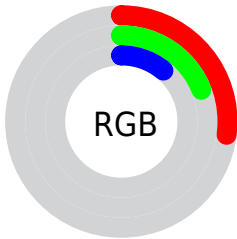
Format	Color
RYB	70, 68, 29
Decimal	4600093
CIELab	22.26, 6.75, 16.45
CIElCh	22, 17.779, 67.685
Yxy	3.5874, 0.4233, 0.3949
Android (android.graphics.Color)	4282790173 (0xFF46311D)
YUV	52.9990, -11.8315, 14.9099
Hunter-Lab	18.9405, 3.0986, 8.0866

Details

The Decimal color **4600093** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1913414**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **7888713**, and **1573632** is the 20% darker color. If you saturate the color by 10%, you get **4599062**, and if you desaturate by 10%, it is **4601124**.

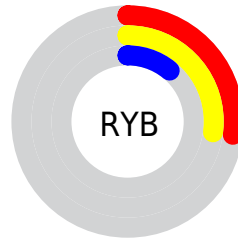
Distribution



Red (27%)

Green (19%)

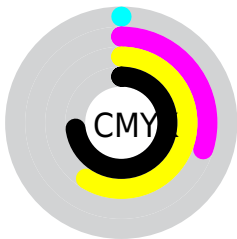
Blue (11%)



Red (27%)

Yellow (27%)

Blue (11%)

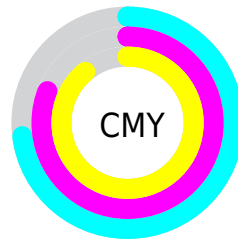


Cyan (0%)

Magenta (30%)

Yellow (59%)

Black (73%)



Cyan (73%)

Magenta (81%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4600093 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 Decimal color 4600093 by changing the saturation by 10% instead.



4600093



4600093

16777215



3087365



7888713



1573632



9599073



0



11374970



13216916



15058862



16769994



16777190



4600093



4600093

■ 4599062

■ 4601124

■ 4598287

■ 4601899

■ 4597256

■ 4602930

■ 4596481

■ 4603705

■ 4596224

■ 4604736

■ 4605767

■ 4606542

■ 4607573

■ 4608348

Harmonies

Analogous

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



5057830



4600093



3814939

Triad

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



4600093



408632



3879242

Complementary

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



4600093



1913414

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.



2569551



4600093



15429

Square

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



4600093



1850155



932173



4795456

Rectangle

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



460093



3225629



932173



3486285

Sweetspot

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



4600093



6050635



4594994



3025188



11382189



3026478

Same Dimension

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



4600093



6044444



4605213



2368032



6500608



14905088

Inverse Universe

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



1913414



1850460



1908294



2105892



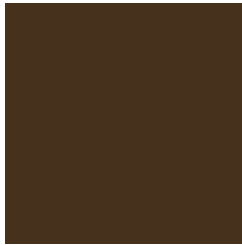
13155



29923

Previews

White Background



This preview shows how the Decimal color 4600093 looks on a white background.

Color Contrast Check

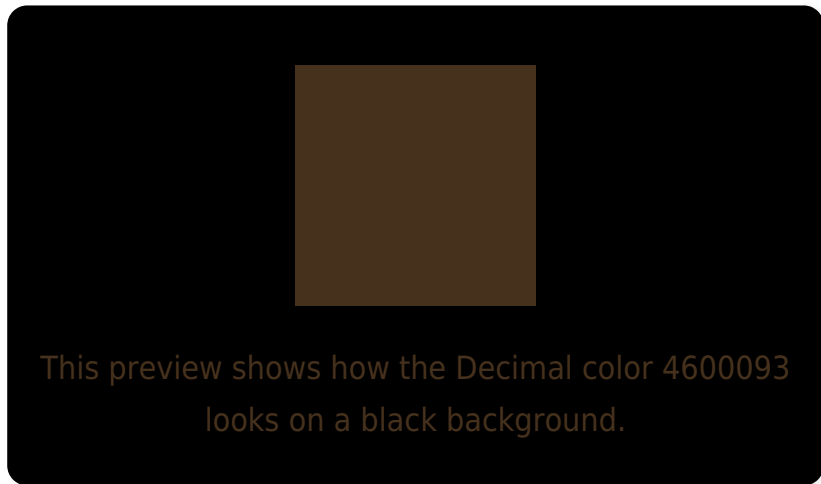
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

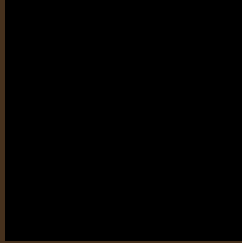
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 4600093 Background



This preview shows how black text looks on a background with the Decimal color 4600093.

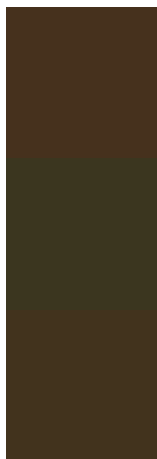


This preview shows how white text looks on a background with the Decimal color 4600093.

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

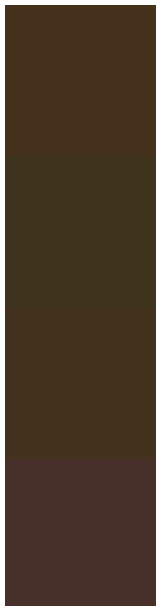


Original Color
4600093

Protanopia
3880479

Deuteranopia
4338461

Trichromacy



Original Color

4600093

Protanomaly

4142110

Deuteranomaly

4403741

Tritanomaly

4665386

Monochromacy



Original Color

4600093

Achromatopsia

3487029

Achromatomaly

3879980

CSS Examples

Text

The CSS property to change the color of the text to Decimal 460093 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 #46311D looks like.

```
.text, #text, p{  
    color:#46311D  
}
```

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 #46311D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46311D
}
```

Border

The CSS property to change the border of an element to Decimal 4600093 is called "border". The border property can be set on classes, ids or directly on the HTML element.

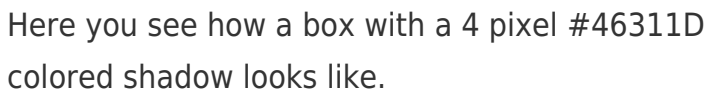
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46311D }
```

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

```
.border{ border-color:#46311D }
```

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



Here you see how a box with a 4 pixel #46311D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46311D; -webkit-box-shadow:4px 4px  
4px 4px #46311D; box-shadow:4px 4px 4px  
4px #46311D }
```

Background

The CSS property to change the background color of an element to Decimal 4600093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46311D }
```

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

```
.background{ background-color:#46311D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor