

Converting Colors

Decimal(4796160)

Have a look what the booklet for
Decimal(4796160) contains.

Decimal(4796160)	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(4796160)

Conversions

Conversions Part 1

Format	Color
Hex	492F00
RGB	73, 47, 0
RGB Percent	29%, 18%, 0%
CMY	0.7137, 0.8157, 1.0000
CMYK	0.00, 0.36, 1.00, 0.71
HSL	39°, 100%, 14%
HSV	39°, 100%, 29%
XYZ	3.7642, 3.4495, 0.4674
YIQ	49.4160, 30.5830, -9.1050

Conversions

Conversions Part 2

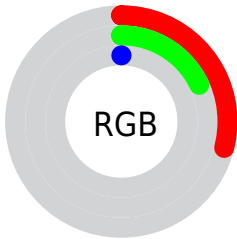
Format	Color
RYB	40, 73, 0
Decimal	4796160
CIELab	21.76, 7.67, 30.83
CIELCh	22, 31.772, 76.035
Yxy	3.4495, 0.4901, 0.4491
Android (android.graphics.Color)	4282986240 (0xFF492F00)
YUV	49.4160, -24.3621, 20.6832
Hunter-Lab	18.5728, 3.6743, 11.5088

Details

The Decimal color **4796160** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6729**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **8215855**, and **1572864** is the 20% darker color. If you saturate the color by 10%, you get **4796160**, and if you desaturate by 10%, it is **4796935**.

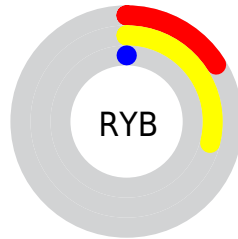
Distribution



Red (29%)

Green (18%)

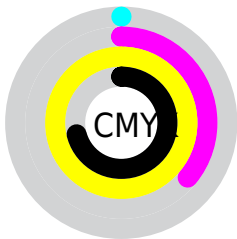
Blue (0%)



Red (16%)

Yellow (29%)

Blue (0%)

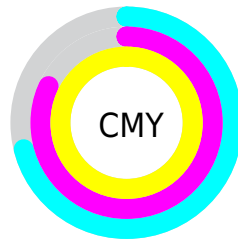


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4796160 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 4796160 by changing the saturation by 10% instead.

 4796160

 4796160

 16777188

 3152384

 8215855

 1572864

 9991495

 0

 11833183

 13674872

 15582610

 16769453

 16776648

 4796160

■ 4796935

■ 4797455

■ 4798230

■ 4798749

■ 4799525

■ 4800300

■ 4800819

■ 4801594

■ 4802114

Harmonies

Analogous

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



5776659



4796160



3421952

Triad

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



4796160



16192



4532309

Complementary

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



4796160



6729

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.



1913442



4796160



15958

Square

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



4796160



15912



14946



5840704

Rectangle

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



4796160



2308618



14946



3877978

Sweetspot

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



4796160



6181954



4784155



3156511



11579568



3158064

Same Dimension

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



4796160



6176000



4147456



2368032



6504448



14914048

Inverse Universe

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



6729



8798



655433



2105636



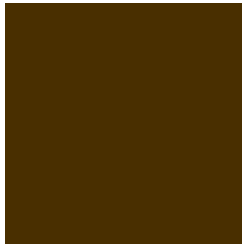
9059



20963

Previews

White Background



This preview shows how the Decimal color 4796160 looks on a white background.

Color Contrast Check

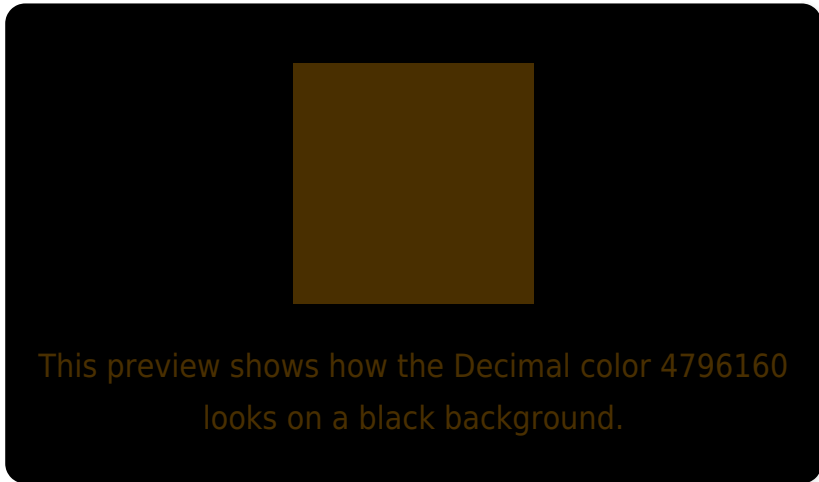
Large Text (above 18pt) WCAG AA ✓ Pass

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

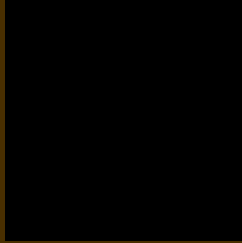
Any Text WCAG AA × Fail

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 4796160 Background



This preview shows how black text looks on a background with the Decimal color 4796160.



This preview shows how white text looks on a background with the Decimal color 4796160.

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
4796160

Protanopia
3945733

Deuteranopia
4403712



Tritanopia
4926511

Trichromacy



Original Color

4796160

Protanomaly

4272899

Deuteranomaly

4534528

Tritanomaly

4861214

Monochromacy



Original Color

4796160

Achromatopsia

3223857

Achromatomaly

3813407

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4796160 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 #492F00 looks like.

```
.text, #text, p{  
    color:#492F00  
}
```

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 #492F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #492F00
}
```

Border

The CSS property to change the border of an element to Decimal 4796160 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".

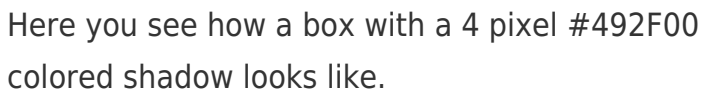
```
.border, #border, table{ border:4px solid
#492F00 }
```

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

```
.border{ border-color:#492F00 }
```

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

Here you see how a box with a 4 pixel #492F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #492F00; -webkit-box-shadow:4px 4px  
4px 4px #492F00; box-shadow:4px 4px 4px  
4px #492F00 }
```

Background

The CSS property to change the background color of an element to Decimal 4796160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#492F00 }
```

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

```
.background{ background-color:#492F00 }
```

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