

Converting Colors

Decimal(4790016)

Have a look what the booklet for
Decimal(4790016) contains.

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Color

Decimal(4790016)

Conversions

Conversions Part 1

Format	Color
Hex	491700
RGB	73, 23, 0
RGB Percent	29%, 9%, 0%
CMY	0.7137, 0.9098, 1.0000
CMYK	0.00, 0.68, 1.00, 0.71
HSL	19°, 100%, 14%
HSV	19°, 100%, 29%
XYZ	3.0540, 2.0293, 0.2307
YIQ	35.3280, 37.1830, 3.4470

Conversions

Conversions Part 2

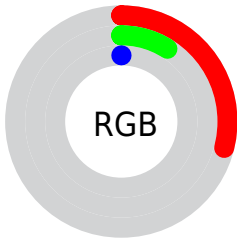
Format	Color
RYB	73, 34, 0
Decimal	4790016
CIELab	15.64, 22.58, 23.67
CIELCh	16, 32.709, 46.347
Yxy	2.0293, 0.5747, 0.3819
Android (android.graphics.Color)	4282980096 (0xFF491700)
YUV	35.3280, -17.4167, 33.0383
Hunter-Lab	14.2452, 13.3397, 9.0114

Details

The Decimal color **4790016** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12873**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **8274991**, and **655360** is the 20% darker color. If you saturate the color by 10%, you get **4790016**, and if you desaturate by 10%, it is **4791303**.

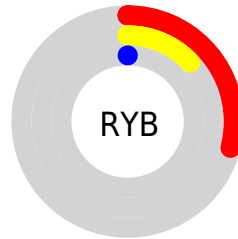
Distribution



Red (29%)

Green (9%)

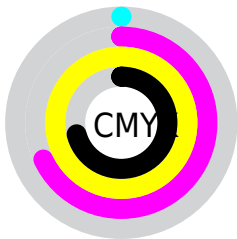
Blue (0%)



Red (29%)

Yellow (13%)

Blue (0%)

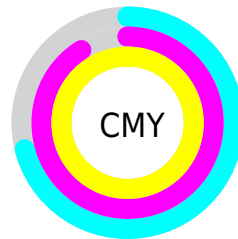


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4790016 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 4790016 by changing the saturation by 10% instead.

 4790016

 4790016

 16776930

 3080448

 8274991

 655360

 10116166

 0

 11957597

 13864822

 15772304

 16762283

 16769734

 4790016

■ 4791303

■ 4792591

■ 4793878

■ 4795165

■ 4796453

■ 4797740

■ 4799027

■ 4800314

■ 4801602

Harmonies

Analogous

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



5180443



4790016



3809792

Triad

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



4790016



12571



402772

Complementary

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



4790016



12873

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.



11604



4790016



12595

Square

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



4790016



536064



12360



3611207

Rectangle

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



4790016



2959360



12360



10326

Sweetspot

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



4790016



6179650



4784179



3155231



11579568



3158064

Same Dimension

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



4790016



6168064



4798976



2367776



6496000



14895104

Inverse Universe

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



12873



16734



3913



2106148



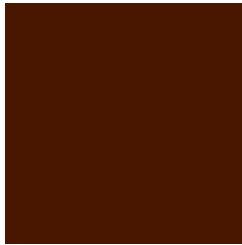
17507



39907

Previews

White Background



This preview shows how the Decimal color 4790016 looks on a white background.

Color Contrast Check

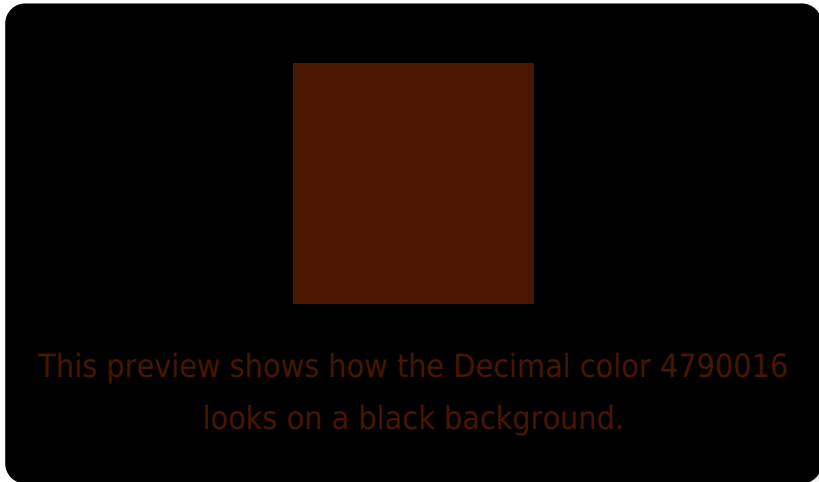
Large Text (above 18pt) WCAG AA ✓ Pass

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

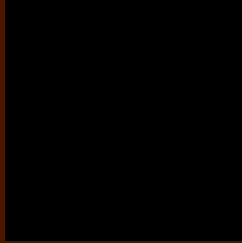
Any Text WCAG AA × Fail

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 4790016 Background



This preview shows how black text looks on a background with the Decimal color 4790016.

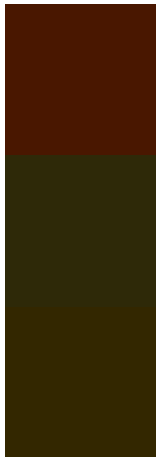


This preview shows how white text looks on a background with the Decimal color 4790016.

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
4790016

Protanopia
3025160

Deuteranopia
3352320



Tritanopia
4789526

Trichromacy



Original Color
4790016

Protanomaly
3678725

Deuteranomaly
3875072

Tritanomaly
4789774

Monochromacy



Original Color
4790016

Achromatopsia
2302755

Achromatomaly
3219222

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4790016 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 #491700 looks like.

```
.text, #text, p{  
    color:#491700  
}
```

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 #491700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491700
}
```

Border

The CSS property to change the border of an element to Decimal 4790016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

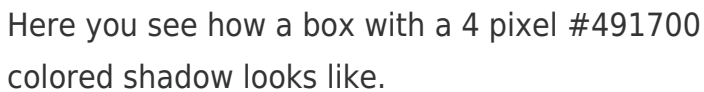
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#491700 }
```

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

```
.border{ border-color:#491700 }
```

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



Here you see how a box with a 4 pixel #491700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491700; -webkit-box-shadow:4px 4px  
4px 4px #491700; box-shadow:4px 4px 4px  
4px #491700 }
```

Background

The CSS property to change the background color of an element to Decimal 4790016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491700 }
```

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

```
.background{ background-color:#491700 }
```

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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