

# Converting Colors

Decimal(4791298)

Have a look what the booklet for  
Decimal(4791298) contains.

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# Color

**Decimal(4791298)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 491C02                   |
| RGB         | 73, 28, 2                |
| RGB Percent | 29%, 11%, 1%             |
| CMY         | 0.7137, 0.8902, 0.9922   |
| CMYK        | 0.00, 0.62, 0.97, 0.71   |
| HSL         | 22°, 95%, 15%            |
| HSV         | 22°, 97%, 29%            |
| XYZ         | 3.1739, 2.2514, 0.3247   |
| YIQ         | 38.4910, 35.1660, 1.4540 |

# Conversions

## Conversions Part 2

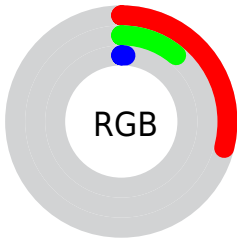
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>Y</sub>B</b>               | 73, 43, 2                     |
| Decimal                             | 4791298                       |
| CIE Lab                             | 16.75, 19.83, 24.24           |
| CIE LCh                             | 17, 31.318, 50.723            |
| Yxy                                 | 2.2514, 0.5520,<br>0.3915     |
| Android<br>(android.graphics.Color) | 4282981378<br>(0xFF491C02)    |
| YUV                                 | 38.4910, -17.9901,<br>30.2644 |
| Hunter-Lab                          | 15.0045, 11.4997,<br>9.2201   |

# Details

The Decimal color **4791298** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **143177**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **8276272**, and **983040** is the 20% darker color. If you saturate the color by 10%, you get **4791040**, and if you desaturate by 10%, it is **4792585**.

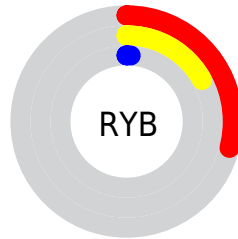
# Distribution



Red (29%)

Green (11%)

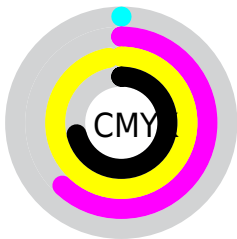
Blue (1%)



Red (29%)

Yellow (17%)

Blue (1%)

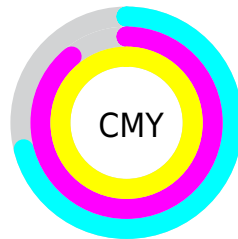


Cyan (0%)

Magenta (62%)

Yellow (97%)

Black (71%)



Cyan (71%)

Magenta (89%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4791298 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 4791298 by changing the saturation by 10% instead.



 4791298

 4791298

 16777188

 3081728

 8276272

 983040

 10051911

 0

 11893343

 13800568

 15708050

 16763820

 16771016

 4791298

 4791298

■ 4791040

■ 4792585

■ 4793617

■ 4794904

■ 4796191

■ 4797222

■ 4798510

■ 4799541

■ 4800828

■ 4802116

# Harmonies

## Analogous

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



5247515



4791298



3810816

# Triad

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



4791298



13089



1648212

# Complementary

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



4791298



143177

# 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.



11862



4791298



13113

# Square

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



4791298



340233



12876



4004934

# Rectangle

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



4791298



2960128



12876



10582



# Sweetspot

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



4791298



6180163



4784688



3155487



11579568



3158064



# Same Dimension

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



4791298



6169344



4800002



2367776



6497280



14897920



# Inverse Universe

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



143177



15454



134473



2105892



16227

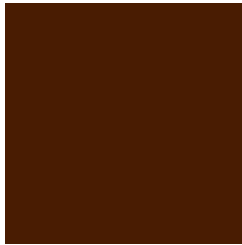


37091



# Previews

## White Background



This preview shows how the Decimal color 4791298 looks on a white background.

## Color Contrast Check

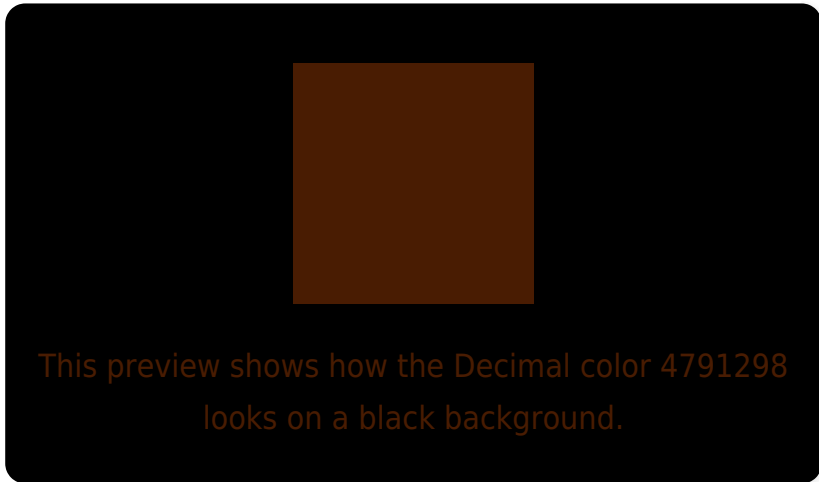
Large Text (above 18pt) WCAG AA ✓ Pass

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

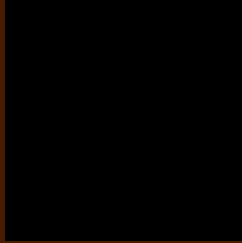
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4791298 Background



This preview shows how black text looks on a background with the Decimal color 4791298.



This preview shows how white text looks on a background with the Decimal color 4791298.

# 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**  
4791298

**Protanopia**  
3156744

**Deuteranopia**  
3549440



# Trichromacy



**Original Color**  
4791298

**Protanomaly**  
3745286

**Deuteranomaly**  
4006913

**Tritanomaly**  
4856595

# Monochromacy



**Original Color**  
4791298

**Achromatopsia**  
2500134

**Achromatomaly**  
3351065

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4791298 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 #491C02 looks like.

```
.text, #text, p{  
    color:#491C02  
}
```

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 #491C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491C02
}
```

## Border

The CSS property to change the border of an element to Decimal 4791298 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
#491C02 }
```

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

```
.border{ border-color:#491C02 }
```

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

Here you see how a box with a 4 pixel #491C02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491C02; -webkit-box-shadow:4px 4px  
4px 4px #491C02; box-shadow:4px 4px 4px  
4px #491C02 }
```

# Background

The CSS property to change the background color of an element to Decimal 4791298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491C02 }
```

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

```
.background{ background-color:#491C02 }
```

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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