

# Converting Colors

Decimal(7891712)

Have a look what the booklet for  
Decimal(7891712) contains.

<b>Decimal(7891712)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(7891712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	786B00
RGB	120, 107, 0
RGB Percent	47%, 42%, 0%
CMY	0.5294, 0.5804, 1.0000
CMYK	0.00, 0.11, 1.00, 0.53
HSL	54°, 100%, 24%
HSV	54°, 100%, 47%
XYZ	13.0034, 14.5085, 2.1151
YIQ	98.6890, 42.0950, -30.5210

# Conversions

## Conversions Part 2

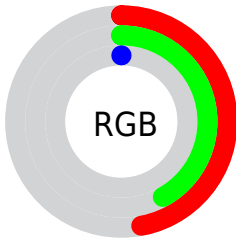
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 120, 0
Decimal	7891712
CIE Lab	44.95, -5.09, 51.33
CIE LCh	45, 51.581, 95.666
Yxy	14.5085, 0.4389, 0.4897
Android (android.graphics.Color)	4286081792 (0xFF786B00)
YUV	98.6890, -48.6537, 18.6897
Hunter-Lab	38.0900, -5.7199, 23.3707

# Details

The Decimal color **7891712** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3448**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **11574845**, and **4406272** is the 20% darker color. If you saturate the color by 10%, you get **7891712**, and if you desaturate by 10%, it is **7891980**.

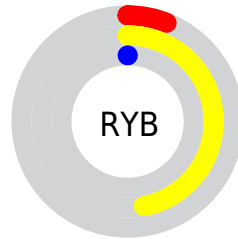
# Distribution



Red (47%)

Green (42%)

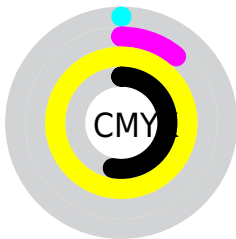
Blue (0%)



Red (6%)

Yellow (47%)

Blue (0%)

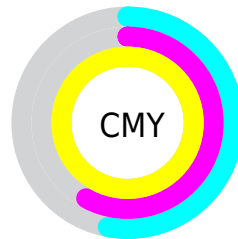


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7891712 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 7891712 by changing the saturation by 10% instead.



 7891712

 7891712

 16777212

 6116096

 11574845

 4406272

 13416791

 2762496

 15389809

 922368

 16773516

 0

 16777127

 16777155

 16777183

 7891712

 7891980

 7892504

 7892772

 7893040

 7893308

 7893832

 7894100

 7894368

 7894892

# Harmonies

## Analogous

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



10181399



7891712



4945437

# Triad

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



7891712



32156



10766479

# Complementary

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



7891712



3448

# 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.



7756721



7891712



30905

# Square

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



7891712



32370



28096



12009316

# Rectangle

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



7891712



1735223



28096



9981595



# Sweetspot

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



7891712



10262125



7864334



5196851



13619151



5197647



# Same Dimension

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



7891712



10259200



4880384



4013367



8220416



16572672



# Inverse Universe

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



3448



4508



3014776



3618877



3709



7164



# Previews

## White Background



This preview shows how the Decimal color 7891712 looks on a white background.

## Color Contrast Check

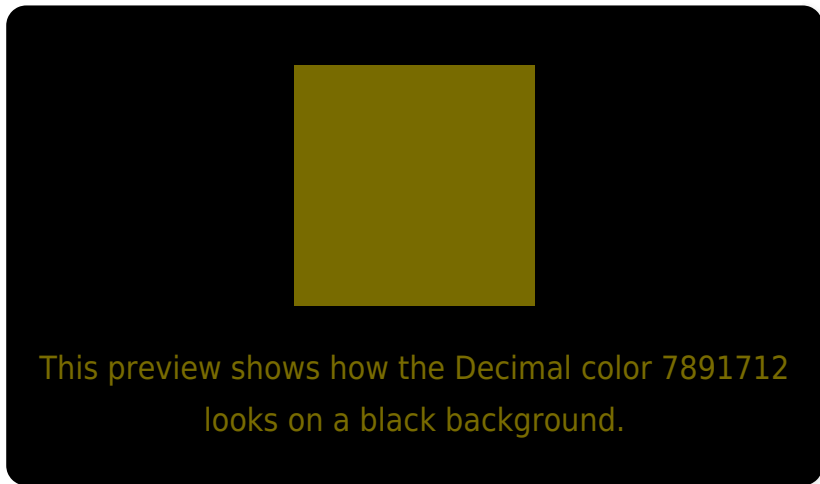
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 7891712 Background



This preview shows how black text looks on a background with the Decimal color 7891712.



This preview shows how white text looks on a background with the Decimal color 7891712.

# 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**  
7891712

**Protanopia**  
7891712

**Deuteranopia**  
8873229



**Tritanopia**  
8282987

# Trichromacy



**Original Color**  
7891712

**Protanomaly**  
7891712

**Deuteranomaly**  
8546056

**Tritanomaly**  
8152644

# Monochromacy



**Original Color**  
7891712

**Achromatopsia**  
6513507

**Achromatomaly**  
7038527

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7891712 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 #786B00 looks like.

```
.text, #text, p{  
    color:#786B00  
}
```

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 #786B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786B00
}
```

## Border

The CSS property to change the border of an element to Decimal 7891712 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
#786B00 }
```

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

```
.border{ border-color:#786B00 }
```

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

Here you see how a box with a 4 pixel #786B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786B00; -webkit-box-shadow:4px 4px  
4px 4px #786B00; box-shadow:4px 4px 4px  
4px #786B00 }
```

# Background

The CSS property to change the background color of an element to Decimal 7891712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786B00 }
```

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

```
.background{ background-color:#786B00 }
```

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