

# Converting Colors

Decimal(7408896)

Have a look what the booklet for  
Decimal(7408896) contains.

<b>Decimal(7408896)</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(7408896)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	710D00
RGB	113, 13, 0
RGB Percent	44%, 5%, 0%
CMY	0.5569, 0.9490, 1.0000
CMYK	0.00, 0.88, 1.00, 0.56
HSL	7°, 100%, 22%
HSV	7°, 100%, 44%
XYZ	6.9540, 3.7986, 0.3667
YIQ	41.4180, 63.7730, 17.1570

# Conversions

## Conversions Part 2

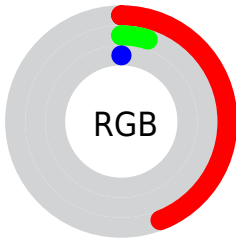
Format	Color
<a href="#">RYB</a>	113, 15, 0
Decimal	7408896
CIELab	22.99, 41.05, 34.40
CIELCh	23, 53.555, 39.966
Yxy	3.7986, 0.6254, 0.3416
Android (android.graphics.Color)	4285598976 (0xFF710D00)
YUV	41.4180, -20.4191, 62.7774
Hunter-Lab	19.4899, 29.5813, 12.5275

# Details

The Decimal color **7408896** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **25713**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **11289903**, and **3735552** is the 20% darker color. If you saturate the color by 10%, you get **7408896**, and if you desaturate by 10%, it is **7411467**.

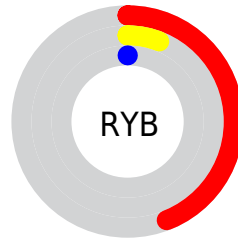
# Distribution



Red (44%)

Green (5%)

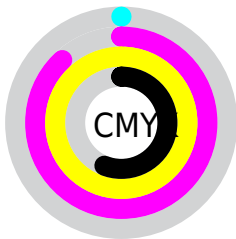
Blue (0%)



Red (44%)

Yellow (6%)

Blue (0%)

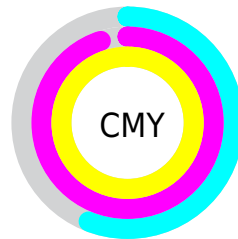


Cyan (0%)

Magenta (88%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7408896 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 7408896 by changing the saturation by 10% instead.



 7408896

 7408896

 16777187

 5505024

 11289903

 3735552

 13262406

 1507328

 15300702

 0


 16749431

 16756624

 16763819

 16771015

 7408896

 7411467

 7414039

 7416610

 7419181

 7421753

 7424324

 7426895

 7429466

 7432038

# Harmonies

## Analogous

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



7995436



7408896



5908992

# Triad

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



7408896



17689



14471

# Complementary

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



7408896



25713

# 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.



17283



7408896



18244

# Square

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



7408896



147712



18026



4531317

# Rectangle

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



7408896



4535808



18026



15752



# Sweetspot

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



7408896



9727336



7405670



4862511



13224393



4868682



# Same Dimension

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



7408896



9703680



7422976



3683122



7867904



16194560



# Inverse Universe

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



25713



33684



11633



3290936



27256

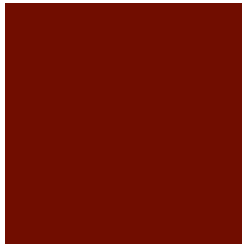


56311



# Previews

## White Background



This preview shows how the Decimal color 7408896 looks on a white background.

## Color Contrast Check

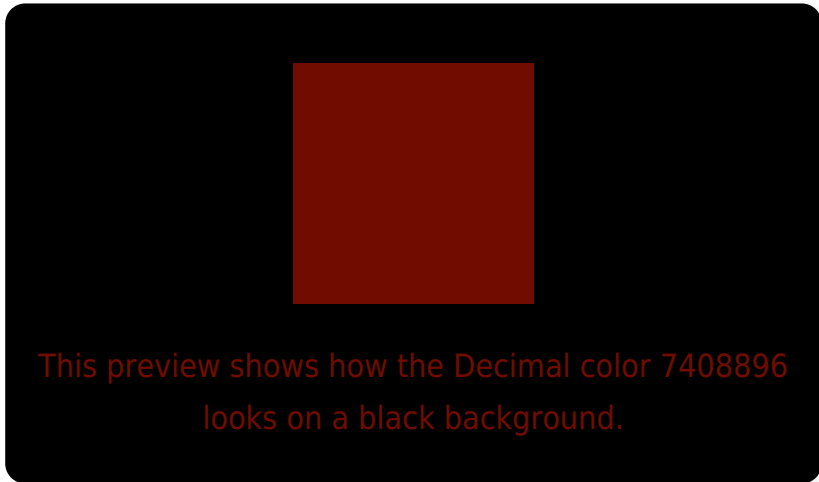
Large Text (above 18pt) WCAG AA ✓ Pass

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 7408896 Background



This preview shows how black text looks on a background with the Decimal color 7408896.



This preview shows how white text looks on a background with the Decimal color 7408896.

# 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**

7408896

**Protanopia**

4274702

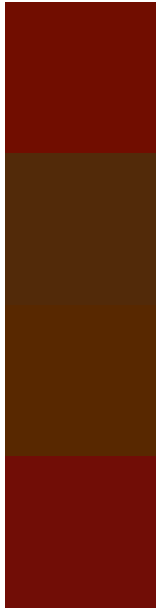
**Deuteranopia**

4798208



**Tritanopia**  
7408905

# Trichromacy



**Original Color**  
7408896

**Protanomaly**  
5384713

**Deuteranomaly**  
5777408

**Tritanomaly**  
7408902

# Monochromacy



**Original Color**  
7408896

**Achromatopsia**  
2697513

**Achromatomaly**  
4398874

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7408896 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 #710D00 looks like.

```
.text, #text, p{  
    color:#710D00  
}
```

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 #710D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #710D00
}
```

## Border

The CSS property to change the border of an element to Decimal 7408896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

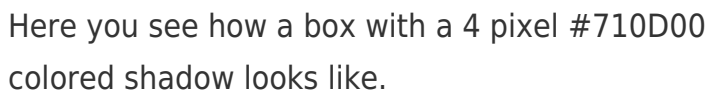
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#710D00 }
```

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

```
.border{ border-color:#710D00 }
```

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



Here you see how a box with a 4 pixel #710D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #710D00; -webkit-box-shadow:4px 4px  
4px 4px #710D00; box-shadow:4px 4px 4px  
4px #710D00 }
```

# Background

The CSS property to change the background color of an element to Decimal 7408896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#710D00 }
```

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

```
.background{ background-color:#710D00 }
```

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**