

Converting Colors

Decimal(7866890)

Have a look what the booklet for
Decimal(7866890) contains.

Decimal(7866890)	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(7866890)

Conversions

Conversions Part 1

Format	Color
Hex	780A0A
RGB	120, 10, 10
RGB Percent	47%, 4%, 4%
CMY	0.5294, 0.9608, 0.9608
CMYK	0.00, 0.92, 0.92, 0.53
HSL	0°, 85%, 25%
HSV	0°, 92%, 47%
XYZ	7.9091, 4.2321, 0.6872
YIQ	42.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

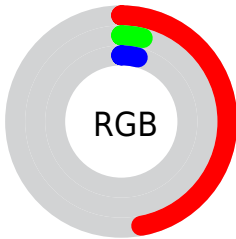
Format	Color
R_{YB}	120, 10, 10
Decimal	7866890
CIE _{Lab}	24.42, 44.05, 32.28
CIE _{LCh}	24, 54.610, 36.238
Yxy	4.2321, 0.6165, 0.3299
Android (android.graphics.Color)	4286056970 (0xFF780A0A)
YUV	42.8900, -16.2148, 67.6255
Hunter-Lab	20.5720, 32.6247, 12.4199

Details

The Decimal color **7866890** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **686200**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **11748662**, and **4128768** is the 20% darker color. If you saturate the color by 10%, you get **7864320**, and if you desaturate by 10%, it is **7869974**.

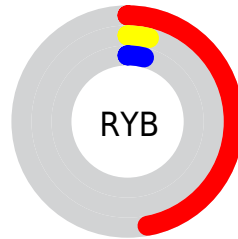
Distribution



Red (47%)

Green (4%)

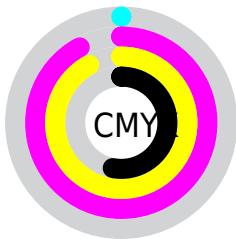
Blue (4%)



Red (47%)

Yellow (4%)

Blue (4%)

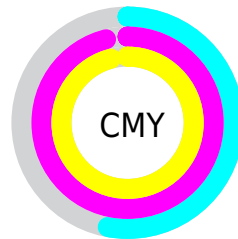


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (53%)



Cyan (53%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7866890 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 7866890 by changing the saturation by 10% instead.

 7866890

 7866890

 16777195

 5963776

 11748662

 4128768

 13786957

 2228225

 15825253


 0

 16749694

 16756888

 16764083

 16771535

 7866890

 7866890

■ 7864320

■ 7869974

■ 7873058

■ 7876142

■ 7879226

■ 7882310

■ 7885394

■ 7888478

■ 7891562

■ 7894646

Harmonies

Analogous

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



8323123



7866890



6433536

Triad

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



7866890



18710



15757

Complementary

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



7866890



686200

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.



18310



7866890



19010

Square

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



7866890



1131520



19050



4270717

Rectangle

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



7866890



5060352



19050



16782

Sweetspot

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



7866890



10252400



7867000



5190708



13619151



5197647

Same Dimension

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



7866890



10223616



7880970



4011831



8192000



16515072

Inverse Universe

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



686200



40092



672120



3620157



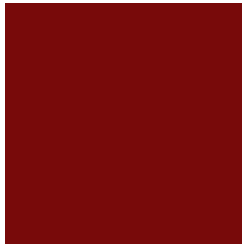
32125



64764

Previews

White Background



This preview shows how the Decimal color 7866890 looks on a white background.

Color Contrast Check

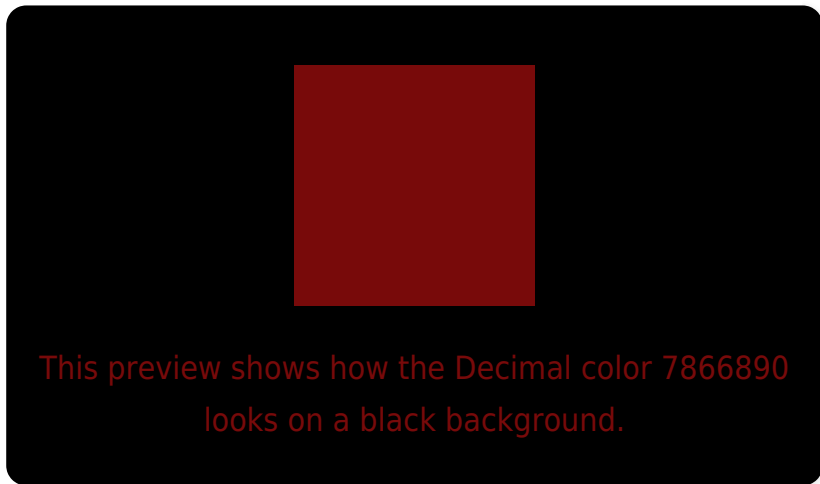
Large Text (above 18pt) WCAG AA ✓ Pass

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

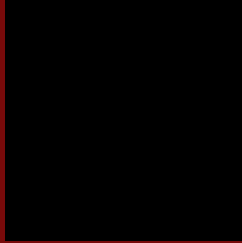
Any Text WCAG AA × Fail

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 7866890 Background



This preview shows how black text looks on a background with the Decimal color 7866890.



This preview shows how white text looks on a background with the Decimal color 7866890.

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
7866890

Protanopia
4472084

Deuteranopia
5061120

Trichromacy



Original Color

7866890

Protanomaly

5712400

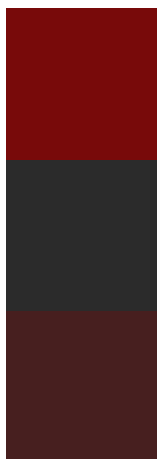
Deuteranomaly

6105348

Tritanomaly

7867141

Monochromacy



Original Color

7866890

Achromatopsia

2829099

Achromatomaly

4661023

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7866890 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 #780A0A looks like.

```
.text, #text, p{  
  color:#780A0A  
}
```

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 #780A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780A0A
}
```

Border

The CSS property to change the border of an element to Decimal 7866890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

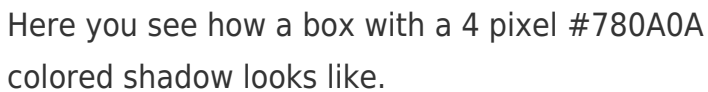
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#780A0A }
```

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

```
.border{ border-color:#780A0A }
```

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



Here you see how a box with a 4 pixel #780A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780A0A; -webkit-box-shadow:4px 4px  
4px 4px #780A0A; box-shadow:4px 4px 4px  
4px #780A0A }
```

Background

The CSS property to change the background color of an element to Decimal 7866890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780A0A }
```

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

```
.background{ background-color:#780A0A }
```

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