

# Converting Colors

Decimal(7868425)

Have a look what the booklet for  
Decimal(7868425) contains.

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**Color**

**Decimal(7868425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	781009
RGB	120, 16, 9
RGB Percent	47%, 6%, 4%
CMY	0.5294, 0.9373, 0.9647
CMYK	0.00, 0.87, 0.93, 0.53
HSL	4°, 86%, 25%
HSV	4°, 92%, 47%
XYZ	7.9803, 4.3834, 0.6839
YIQ	46.2980, 64.2310, 19.8710

# Conversions

## Conversions Part 2

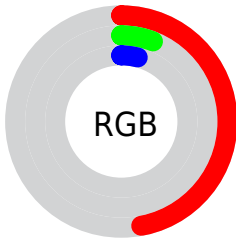
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 16, 9
Decimal	7868425
CIE Lab	24.90, 42.65, 33.15
CIE LCh	25, 54.016, 37.857
Yxy	4.3834, 0.6116, 0.3360
Android (android.graphics.Color)	4286058505 (0xFF781009)
YUV	46.2980, -18.3879, 64.6367
Hunter-Lab	20.9365, 31.3996, 12.7188

# Details

The Decimal color **7868425** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **618872**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **11749429**, and **4128768** is the 20% darker color. If you saturate the color by 10%, you get **7866368**, and if you desaturate by 10%, it is **7871253**.

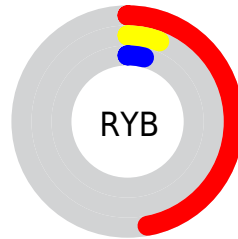
# Distribution



Red (47%)

Green (6%)

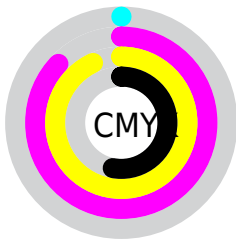
Blue (4%)



Red (47%)

Yellow (6%)

Blue (4%)

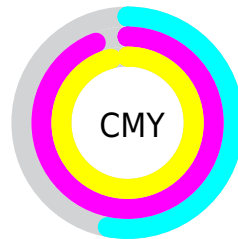


Cyan (0%)

Magenta (87%)

Yellow (93%)

Black (53%)



Cyan (53%)

Magenta (94%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7868425 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 7868425 by changing the saturation by 10% instead.



 7868425

 7868425

 16777195

 5963776

 11749429

 4128768

 13787724

 2228225

 15760485

 0


 16750462

 16757400

 16764851

 16772046

 7868425

 7868425

■ 7866368

■ 7871253

■ 7874081

■ 7877165

■ 7879993

■ 7882821

■ 7885649

■ 7888733

■ 7891561

■ 7894389

# Harmonies

## Analogous

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



8388658



7868425



6368512

# Triad

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



7868425



18970



15757

# Complementary

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



7868425



618872

# 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.



18568



7868425



19269

# Square

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



7868425



1000960



19309



4598397

# Rectangle

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



7868425



4995328



19309



17038



# Sweetspot

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



7868425



10253168



7866738



5191220



13619151



5197647



# Same Dimension

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



7868425



10226176



7882249



4011831



8194048



16519168



# Inverse Universe

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



618872



37532



605048



3620157



30077



60924



# Previews

## White Background



This preview shows how the Decimal color 7868425 looks on a white background.

## Color Contrast Check

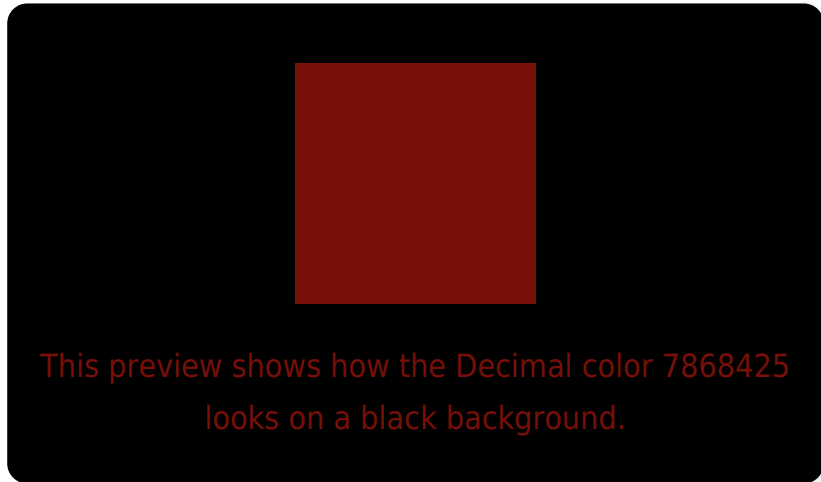
Large Text (above 18pt) WCAG AA ✓ Pass

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 7868425 Background



This preview shows how black text looks on a background with the Decimal color 7868425.



This preview shows how white text looks on a background with the Decimal color 7868425.

# 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



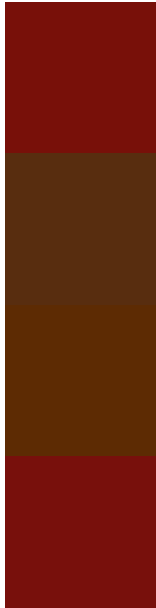
**Original Color**  
7868425

**Protanopia**  
4537875

**Deuteranopia**  
5126656



# Trichromacy



**Original Color**  
7868425

**Protanomaly**  
5778703

**Deuteranomaly**  
6105859

**Tritanomaly**  
7868428

# Monochromacy



**Original Color**  
7868425

**Achromatopsia**  
3026478

**Achromatomaly**  
4793121

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7868425 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 #781009 looks like.

```
.text, #text, p{  
    color:#781009  
}
```

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 #781009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781009
}
```

## Border

The CSS property to change the border of an element to Decimal 7868425 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
#781009 }
```

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

```
.border{ border-color:#781009 }
```

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

Here you see how a box with a 4 pixel #781009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781009; -webkit-box-shadow:4px 4px  
4px 4px #781009; box-shadow:4px 4px 4px  
4px #781009 }
```

# Background

The CSS property to change the background color of an element to Decimal 7868425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781009 }
```

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

```
.background{ background-color:#781009 }
```

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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