

# Converting Colors

Decimal(7864325)

Have a look what the booklet for  
Decimal(7864325) contains.

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**Color**

**Decimal(7864325)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	780005
RGB	120, 0, 5
RGB Percent	47%, 0%, 2%
CMY	0.5294, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.96, 0.53
HSL	358°, 100%, 24%
HSV	358°, 100%, 47%
XYZ	7.7731, 4.0040, 0.5067
YIQ	36.4500, 69.9150, 26.9950

# Conversions

## Conversions Part 2

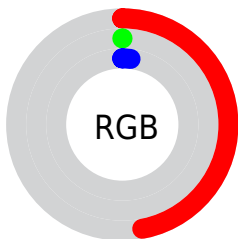
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 0, 5
Decimal	7864325
CIE <sub>Lab</sub>	23.68, 45.98, 33.59
CIE <sub>LCh</sub>	24, 56.938, 36.150
Yxy	4.0040, 0.6328, 0.3260
Android (android.graphics.Color)	4286054405 (0xFF780005)
YUV	36.4500, -15.5048, 73.2734
Hunter-Lab	20.0101, 34.3226, 12.5056

# Details

The Decimal color **7864325** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **30835**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **11812914**, and **4063232** is the 20% darker color. If you saturate the color by 10%, you get **7864325**, and if you desaturate by 10%, it is **7867408**.

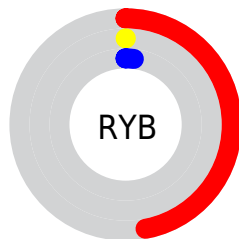
# Distribution



Red (47%)

Green (0%)

Blue (2%)



Red (47%)

Yellow (0%)

Blue (2%)

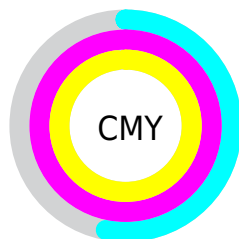


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7864325 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 7864325 by changing the saturation by 10% instead.



 7864325

 7864325


 16777191

 5963776

 11812914

 4063232

 13785929

 2162689

 15824225

 0


 16748666

 16755860

 16763055

 16770506

 7864325


 7867408

 7870492

 7873575

 7876659

 7879742

 7882826

 7885909

 7888993

 7892076

# Harmonies

## Analogous

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



8323122



7864325



6367232

# Triad

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



7864325



18194



15503

# Complementary

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



7864325



30835

# 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.



18056



7864325



18752

# Square

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



7864325



541440



18794



4073343

# Rectangle

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



7864325



4928768



18794



16527



# Sweetspot

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



7864325



10251631



7471224



5190452



13619151



5197647



# Same Dimension

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



7864325



10223622



7878144



4011831



8192005



16515083



# Inverse Universe

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



7864325



10223622



17016



4011831



8192005

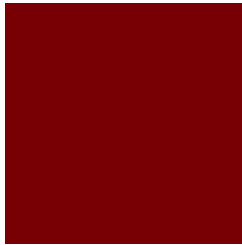


16515083



# Previews

## White Background



This preview shows how the Decimal color 7864325 looks on a white background.

## Color Contrast Check

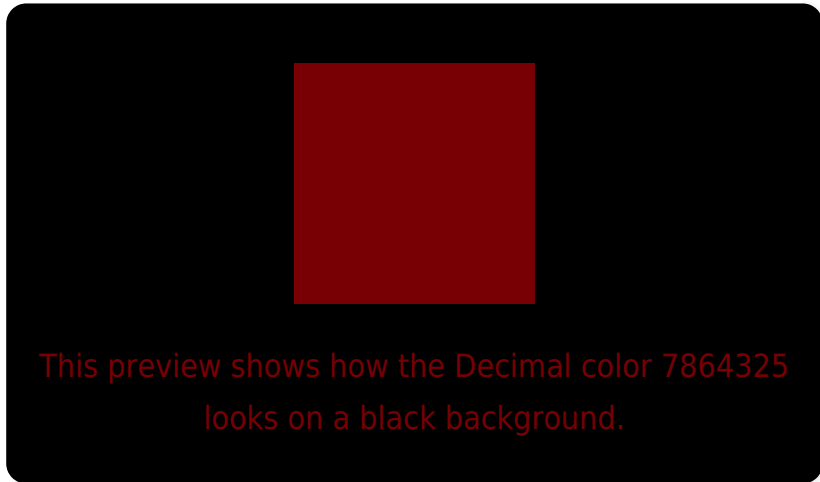
Large Text (above 18pt) WCAG AA ✓ Pass

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 7864325 Background



This preview shows how black text looks on a background with the Decimal color 7864325.



This preview shows how white text looks on a background with the Decimal color 7864325.

# 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**  
7864325

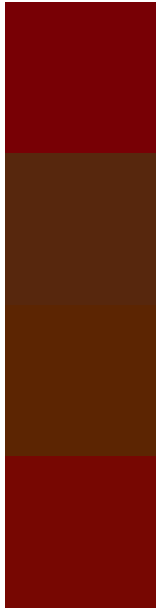
**Protanopia**  
4472081

**Deuteranopia**  
4995584



**Tritanopia**  
7801600

# Trichromacy



**Original Color**  
7864325

**Protanomaly**  
5711629

**Deuteranomaly**  
6038786

**Tritanomaly**  
7800578

# Monochromacy



**Original Color**  
7864325

**Achromatopsia**  
2368548

**Achromatomaly**  
4396825

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7864325 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 #780005 looks like.

```
.text, #text, p{  
    color:#780005  
}
```

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 #780005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780005
}
```

## Border

The CSS property to change the border of an element to Decimal 7864325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

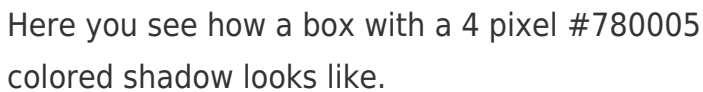
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#780005 }
```

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

```
.border{ border-color:#780005 }
```

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



Here you see how a box with a 4 pixel #780005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780005; -webkit-box-shadow:4px 4px  
4px 4px #780005; box-shadow:4px 4px 4px  
4px #780005 }
```

# Background

The CSS property to change the background color of an element to Decimal 7864325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780005 }
```

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

```
.background{ background-color:#780005 }
```

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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