

# Converting Colors

Decimal(8224512)

Have a look what the booklet for  
Decimal(8224512) contains.

<b>Decimal(8224512)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(8224512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7F00
RGB	125, 127, 0
RGB Percent	49%, 50%, 0%
CMY	0.5098, 0.5020, 1.0000
CMYK	0.02, 0.00, 1.00, 0.50
HSL	61°, 100%, 25%
HSV	61°, 100%, 50%
XYZ	16.0468, 19.5387, 2.9256
YIQ	111.9240, 39.5750, -39.9210

# Conversions

## Conversions Part 2

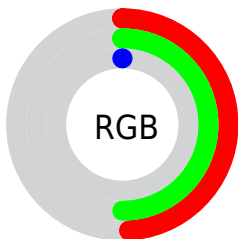
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 127, 2</a>
Decimal	<a href="#">8224512</a>
CIELab	<a href="#">51.31, -13.79, 56.15</a>
CIELCh	<a href="#">51, 57.820, 103.798</a>
Yxy	<a href="#">19.5387, 0.4167, 0.5074</a>
Android (android.graphics.Color)	<a href="#">4286414592 (0xFF7D7F00)</a>
YUV	<a href="#">111.9240, -55.1785, 11.4677</a>
Hunter-Lab	<a href="#">44.2026, -12.5540, 27.0177</a>

# Details

The Decimal color **8224512** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **131199**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **11907906**, and **4738560** is the 20% darker color. If you saturate the color by 10%, you get **8224512**, and if you desaturate by 10%, it is **8224525**.

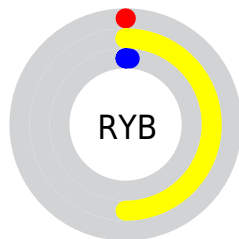
# Distribution



Red (49%)

Green (50%)

Blue (0%)



Red (0%)

Yellow (50%)

Blue (1%)

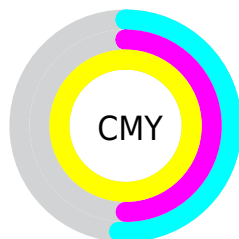


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (51%)

Magenta (50%)

















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8224512 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 8224512 by changing the saturation by 10% instead.



 8224512	 8224512
16777215	 6448640
 11907906	 4738560
 13815644	 3028992
 15723383	 1384960
 16777106	 2304
 16777134	 0
 16777162	
 16777191	
 8224512	

 8224525

 8224537

 8290086

 8290099

 8290112

 8290124

 8290137

 8355686

 8355698

# Harmonies

## Analogous

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



11038222



8224512



4491821

# Triad

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



8224512



36798



12930711

# Complementary

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



8224512



131199

# 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.



10052546



8224512



34777

# Square

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



8224512



37264



3963099



13846886

# Rectangle

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



8224512



36428



3963099



12211367



# Sweetspot

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



8224512



10856052



8323072



5526582



13948116



5526612



# Same Dimension

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



8224512



10724864



4226816



4210745



8224768



0



# Inverse Universe

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



131199



196774



4194431



3750208



131200



0



# Previews

## White Background



This preview shows how the Decimal color 8224512 looks on a white background.

## Color Contrast Check

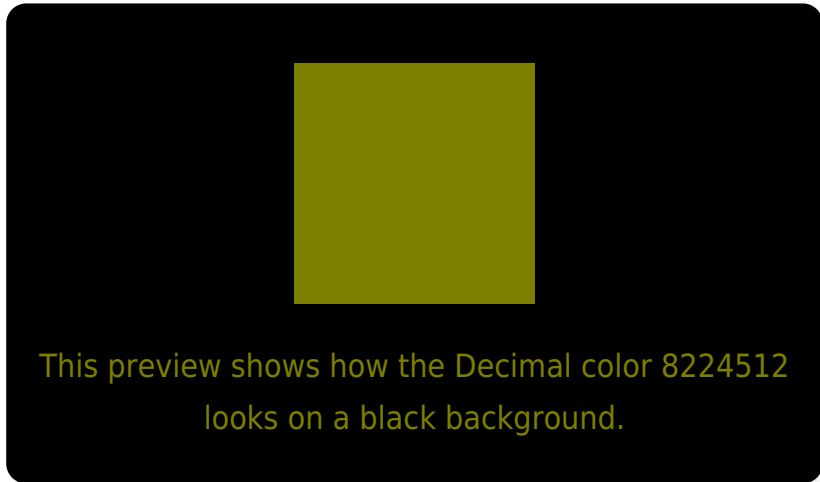
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 8224512 Background



This preview shows how black text looks on a background with the Decimal color 8224512.



This preview shows how white text looks on a background with the Decimal color 8224512.

# 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**  
8224512

**Protanopia**  
9075456

**Deuteranopia**  
10122260



**Tritanopia**  
8812159

# Trichromacy



**Original Color**  
8224512

**Protanomaly**  
8748032

**Deuteranomaly**  
9402381

**Tritanomaly**  
8616273

# Monochromacy



**Original Color**  
8224512

**Achromatopsia**  
7368816

**Achromatomaly**  
7697735

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8224512 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 #7D7F00 looks like.

```
.text, #text, p{  
  color:#7D7F00  
}
```

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 #7D7F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7F00
}
```

## Border

The CSS property to change the border of an element to Decimal 8224512 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
#7D7F00 }
```

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

```
.border{ border-color:#7D7F00 }
```

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

Here you see how a box with a 4 pixel #7D7F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7F00; -webkit-box-shadow:4px 4px  
4px 4px #7D7F00; box-shadow:4px 4px 4px  
4px #7D7F00 }
```

# Background

The CSS property to change the background color of an element to Decimal 8224512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7F00 }
```

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

```
.background{ background-color:#7D7F00 }
```

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