

# Converting Colors

Decimal(8224025)

Have a look what the booklet for  
Decimal(8224025) contains.

<b>Decimal(8224025)</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(8224025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7D19
RGB	125, 125, 25
RGB Percent	49%, 49%, 10%
CMY	0.5098, 0.5098, 0.9020
CMYK	0.00, 0.00, 0.80, 0.51
HSL	60°, 67%, 29%
HSV	60°, 80%, 49%
XYZ	15.9665, 19.0974, 3.7643
YIQ	113.6000, 32.1000, -31.1000

# Conversions

## Conversions Part 2

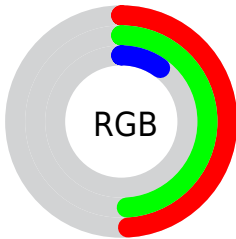
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 125, 25
Decimal	8224025
CIELab	50.80, -12.05, 50.02
CIELCh	51, 51.451, 103.545
Yxy	19.0974, 0.4112, 0.4918
Android (android.graphics.Color)	4286414105 (0xFF7D7D19)
YUV	113.6000, -43.6798, 9.9978
Hunter-Lab	43.7006, -11.2588, 25.4832

# Details

The Decimal color **8224025** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1644925**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **11841870**, and **4803584** is the 20% darker color. If you saturate the color by 10%, you get **8224012**, and if you desaturate by 10%, it is **8224038**.

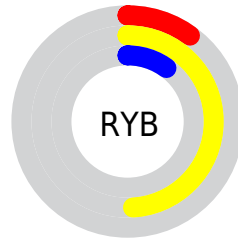
# Distribution



Red (49%)

Green (49%)

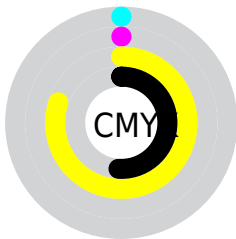
Blue (10%)



Red (10%)

Yellow (49%)

Blue (10%)

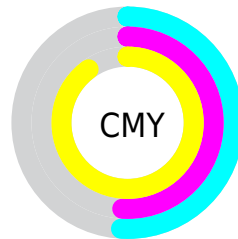


Cyan (0%)

Magenta (0%)

Yellow (80%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8224025 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 8224025 by changing the saturation by 10% instead.





8224025



8224025

16777215



6448128



11841870



4803584



13749608



3094016



15657347



1515776



16777118



1280



16777145



0



16777174



16777203



8224025



8224025

■ 8224012

■ 8224038

■ 8224000

■ 8224050

■ 8224063

■ 8224075

■ 8224087

■ 8224100

■ 8224113

■ 8224125

■ 8224138

# Harmonies

## Analogous

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



10776095



8224025



4949813

# Triad

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



8224025



36021



12342419

# Complementary

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



8224025



1644925

# 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.



9790905



8224025



34253

# Square

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



8224025



36492



4814799



13193319

# Rectangle

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



8224025



428880



4814799



11688097



# Sweetspot

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



8224025



10724220



8198425



5395002



13750737



5395026



# Same Dimension

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



8224025



10724103



4947225



4210745



8421376



0



# Inverse Universe

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



1644925



460707



4921725



3750208



128



0



# Previews

## White Background



This preview shows how the Decimal color 8224025 looks on a white background.

## Color Contrast Check

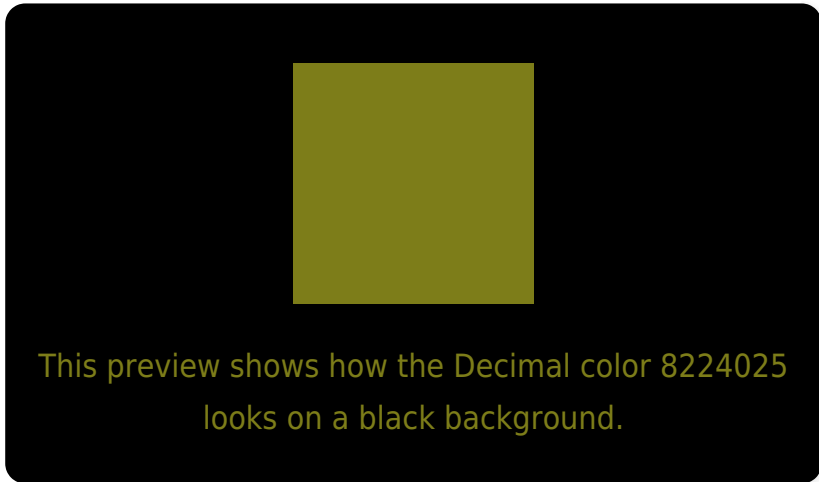
Large Text (above 18pt) WCAG AA ✓ Pass

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

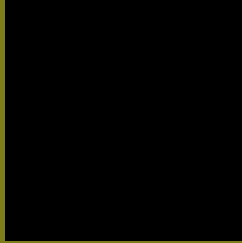
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8224025 Background



This preview shows how black text looks on a background with the Decimal color 8224025.



This preview shows how white text looks on a background with the Decimal color 8224025.

# 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**


8224025

**Protanopia**

8943896

**Deuteranopia**

9990943



**Tritanopia**  
8746110

# Trichromacy



**Original Color**  
8224025

**Protanomaly**  
8682008

**Deuteranomaly**  
9336605

**Tritanomaly**  
8550233

# Monochromacy



**Original Color**  
8224025

**Achromatopsia**  
7500402

**Achromatomaly**  
7763538

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8224025 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 #7D7D19 looks like.

```
.text, #text, p{  
    color:#7D7D19  
}
```

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 #7D7D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7D19
}
```

## Border

The CSS property to change the border of an element to Decimal 8224025 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
#7D7D19 }
```

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

```
.border{ border-color:#7D7D19 }
```

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

Here you see how a box with a 4 pixel #7D7D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7D19; -webkit-box-shadow:4px 4px  
4px 4px #7D7D19; box-shadow:4px 4px 4px  
4px #7D7D19 }
```

# Background

The CSS property to change the background color of an element to Decimal 8224025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7D19 }
```

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

```
.background{ background-color:#7D7D19 }
```

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