

# Converting Colors

Decimal(8682765)

Have a look what the booklet for  
Decimal(8682765) contains.

<b>Decimal(8682765)</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(8682765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	847D0D
RGB	132, 125, 13
RGB Percent	52%, 49%, 5%
CMY	0.4824, 0.5098, 0.9490
CMYK	0.00, 0.05, 0.90, 0.48
HSL	56°, 82%, 28%
HSV	56°, 90%, 52%
XYZ	16.9220, 19.6018, 3.2724
YIQ	114.3250, 40.1240, -33.3480

# Conversions

## Conversions Part 2

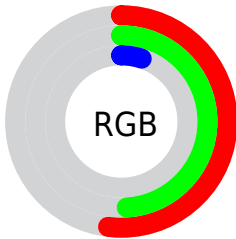
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 132, 13
Decimal	8682765
CIE Lab	51.38, -9.17, 54.00
CIE LCh	51, 54.770, 99.635
Yxy	19.6018, 0.4252, 0.4926
Android (android.graphics.Color)	4286872845 (0xFF847D0D)
YUV	114.3250, -49.9532, 15.5010
Hunter-Lab	44.2739, -9.2548, 26.6095

# Details

The Decimal color **8682765** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **857220**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **12366151**, and **5196800** is the 20% darker color. If you saturate the color by 10%, you get **8682496**, and if you desaturate by 10%, it is **8683034**.

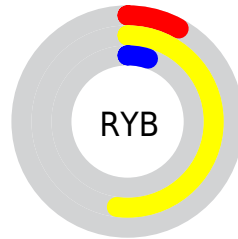
# Distribution



Red (52%)

Green (49%)

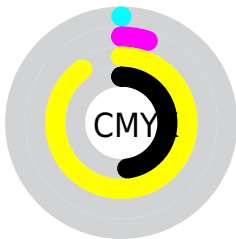
Blue (5%)



Red (8%)

Yellow (52%)

Blue (5%)

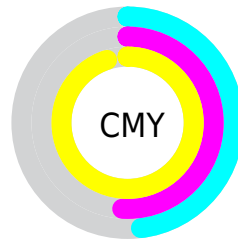


Cyan (0%)

Magenta (5%)

Yellow (90%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8682765 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 8682765 by changing the saturation by 10% instead.





8682765



8682765

16777215



6906880



12366151



5196800



14273890



3487232



16247164



1843456



16777111



2304



16777139



0



16777167



16777196



8682765



8682765

■ 8682496

■ 8683034

■ 8683303

■ 8683317

■ 8683586

■ 8683855

■ 8684124

■ 8684137

■ 8684407

■ 8684676

# Harmonies

## Analogous

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



11299868



8682765



5343276

# Triad

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



8682765



36789



12473244

# Complementary

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



8682765



857220

# 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.



9463747



8682765



35026

# Square

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



8682765



37257



3046359



13585773

# Rectangle

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



8682765



1215817



3046359



11688363



# Sweetspot

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



8682765



11249789



8654101



5723451



14079702



5723991



# Same Dimension

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



8682765



11247872



5276685



4342332



8550912



197120



# Inverse Universe

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



857220



2731



4263300



3947586



2178



3



# Previews

## White Background



This preview shows how the Decimal color 8682765 looks on a white background.

## Color Contrast Check

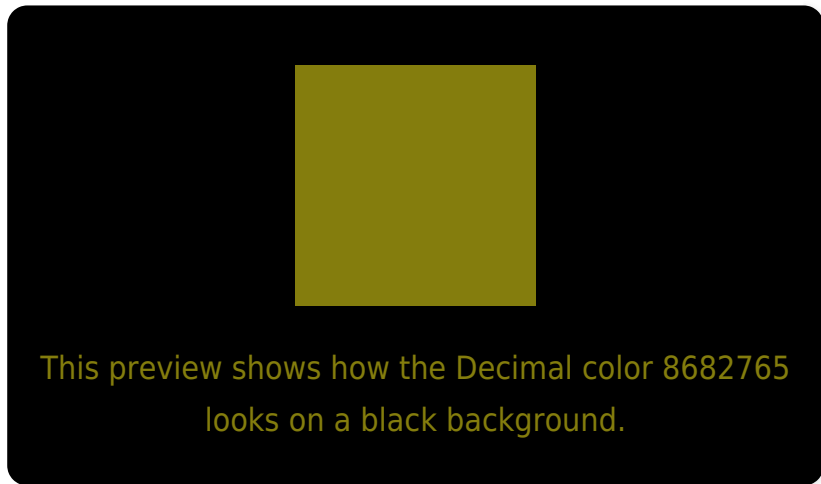
Large Text (above 18pt) WCAG AA ✓ Pass

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 8682765 Background



This preview shows how black text looks on a background with the Decimal color 8682765.



This preview shows how white text looks on a background with the Decimal color 8682765.

# 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**  
8682765

**Protanopia**  
9075468

**Deuteranopia**  
10187797



**Tritanopia**  
9204861

# Trichromacy



**Original Color**  
8682765

**Protanomaly**  
8944652

**Deuteranomaly**  
9664274

**Tritanomaly**  
9008980

# Monochromacy



**Original Color**  
8682765

**Achromatopsia**  
7500402

**Achromatomaly**  
7960141

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8682765 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 #847D0D looks like.

```
.text, #text, p{  
  color:#847D0D  
}
```

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 #847D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847D0D
}
```

## Border

The CSS property to change the border of an element to Decimal 8682765 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
#847D0D }
```

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

```
.border{ border-color:#847D0D }
```

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

Here you see how a box with a 4 pixel #847D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847D0D; -webkit-box-shadow:4px 4px  
4px 4px #847D0D; box-shadow:4px 4px 4px  
4px #847D0D }
```

# Background

The CSS property to change the background color of an element to Decimal 8682765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847D0D }
```

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

```
.background{ background-color:#847D0D }
```

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