

# Converting Colors

Decimal(8679936)

Have a look what the booklet for  
Decimal(8679936) contains.

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**Color**

**Decimal(8679936)**

# Conversions

## Conversions Part 1

Format	Color
Hex	847200
RGB	132, 114, 0
RGB Percent	52%, 45%, 0%
CMY	0.4824, 0.5529, 1.0000
CMYK	0.00, 0.14, 1.00, 0.48
HSL	52°, 100%, 26%
HSV	52°, 100%, 52%
XYZ	15.5330, 16.9402, 2.4511
YIQ	106.3860, 47.3220, -31.6380

# Conversions

## Conversions Part 2

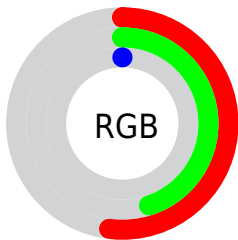
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 132, 0
Decimal	8679936
CIE <sub>Lab</sub>	48.18, -3.29, 54.19
CIE <sub>LCh</sub>	48, 54.291, 93.477
Yxy	16.9402, 0.4448, 0.4851
Android (android.graphics.Color)	4286870016 (0xFF847200)
YUV	106.3860, -52.4483, 22.4635
Hunter-Lab	41.1584, -4.6620, 25.2800

# Details

The Decimal color **8679936** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4740**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **12428607**, and **5128960** is the 20% darker color. If you saturate the color by 10%, you get **8679936**, and if you desaturate by 10%, it is **8680461**.

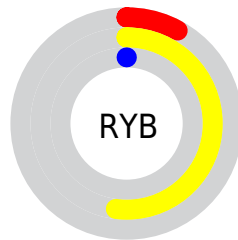
# Distribution



Red (52%)

Green (45%)

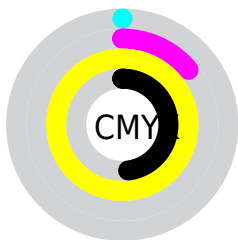
Blue (0%)



Red (8%)

Yellow (52%)

Blue (0%)

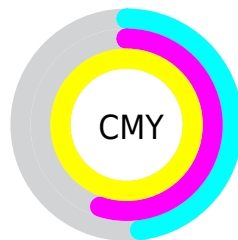


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8679936 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 8679936 by changing the saturation by 10% instead.



 8679936

 8679936

16777215

 6904320

 12428607

 5128960

 14336089

 3419392

 16309364

 1841408

 16775567

 0

 16777130

 16777158

 16777187

 8679936

 8680461

 8680986


 8681256

 8681781

 8682306

 8682831

 8683356

 8683626

 8684151

# Harmonies

## Analogous

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



11100444



8679936



5602845

# Triad

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



8679936



34724



11423644

# Complementary

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



8679936



4740

# 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.



7955647



8679936



33476

# Square

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



8679936



34935



30414



12797039

# Rectangle

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



8679936



2458424



30414



10507946



# Sweetspot

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



8679936



11248760



8650772



5722679



14079702



5723991



# Same Dimension

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



8679936



11244544



5669888



4342076



8548352



197120



# Inverse Universe

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



4740



6059



3014788



3947842



4738

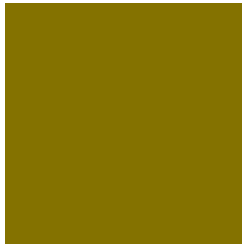


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# Previews

## White Background



This preview shows how the Decimal color 8679936 looks on a white background.

## Color Contrast Check

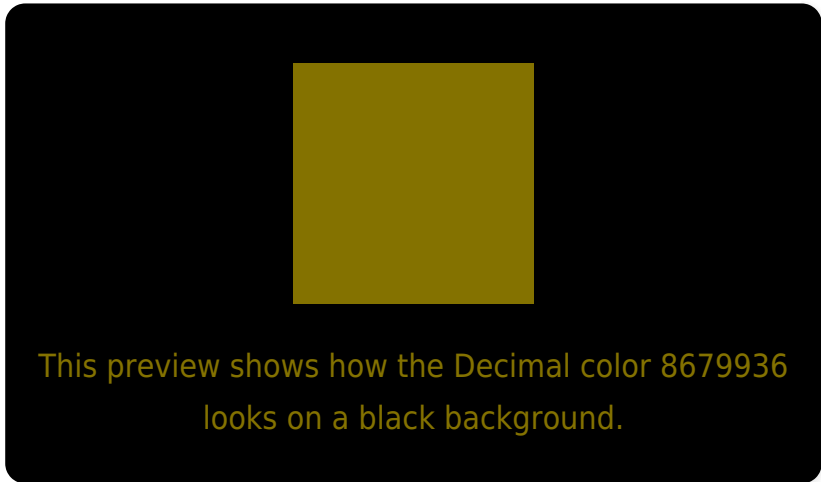
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 8679936 Background



This preview shows how black text looks on a background with the Decimal color 8679936.

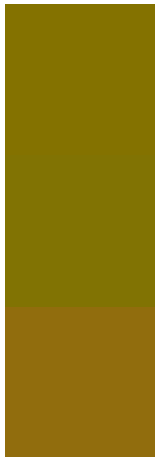


This preview shows how white text looks on a background with the Decimal color 8679936.

# 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**  
8679936

**Protanopia**  
8483587

**Deuteranopia**  
9530637



**Tritanopia**  
9071218

# Trichromacy



**Original Color**  
8679936

**Protanomaly**  
8549122

**Deuteranomaly**  
9203464

**Tritanomaly**  
8940873

# Monochromacy



**Original Color**  
8679936

**Achromatopsia**  
6974058

**Achromatomaly**  
7564611

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8679936 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 #847200 looks like.

```
.text, #text, p{  
  color:#847200  
}
```

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 #847200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847200
}
```

## Border

The CSS property to change the border of an element to Decimal 8679936 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
#847200 }
```

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

```
.border{ border-color:#847200 }
```

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

Here you see how a box with a 4 pixel #847200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847200; -webkit-box-shadow:4px 4px  
4px 4px #847200; box-shadow:4px 4px 4px  
4px #847200 }
```

# Background

The CSS property to change the background color of an element to Decimal 8679936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847200 }
```

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

```
.background{ background-color:#847200 }
```

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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