

# Converting Colors

Decimal(8716401)

Have a look what the booklet for  
Decimal(8716401) contains.

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**Color**

**Decimal(8716401)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	850071
RGB	133, 0, 113
RGB Percent	52%, 0%, 44%
CMY	0.4784, 1.0000, 0.5569
CMYK	0.00, 1.00, 0.15, 0.48
HSL	309°, 100%, 26%
HSV	309°, 100%, 52%
XYZ	12.6535, 6.1788, 16.1485
YIQ	52.6490, 42.9950, 63.3390

# Conversions

## Conversions Part 2

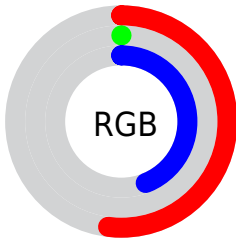
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 0, 113
Decimal	8716401
CIE <sub>Lab</sub>	29.86, 57.64, -26.80
CIE <sub>LCh</sub>	30, 63.562, 335.064
Yxy	6.1788, 0.3617, 0.1766
Android (android.graphics.Color)	4286906481 (0xFF850071)
YUV	52.6490, 29.7530, 70.4678
Hunter-Lab	24.8572, 47.3650, -21.1178

# Details

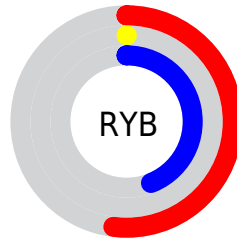
The Decimal color **8716401** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34068**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **12470437**, and **5177409** is the 20% darker color. If you saturate the color by 10%, you get **8716401**, and if you desaturate by 10%, it is **8719731**.

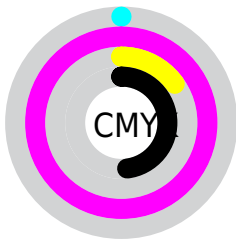
# Distribution



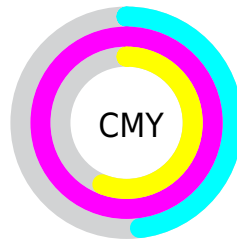
- Red (52%)
- Green (0%)
- Blue (44%)



- Red (52%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8716401 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 8716401 by changing the saturation by 10% instead.



 8716401

 8716401

16777215

 6946904

 12470437

 5177409

 14378176

 3604523

 16285916

 1441812

 16751609

 0

 16759039

 16766207

 16773887

 8716401

■ 8719731

■ 8723317

■ 8726647

■ 8729977

■ 8733563

■ 8736893

■ 8740223

■ 8743553

■ 8747139

# Harmonies

## Analogous

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



4863129



8716401



9961536

# Triad

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



8716401



5261056



23167

# Complementary

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



8716401



34068

# 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.



23118



8716401



1462784

# Square

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



8716401



7811840



22552



22177

# Rectangle

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



8716401



9830433



22552



23151



# Sweetspot

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



8716401



11368870



1310853



5715794



14079702



5723991



# Same Dimension

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



8716401



11337875



8716335



4340801



8519790



196610



# Inverse Universe

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



8716401



11337875



34134



4340801



8519790



196610



# Previews

## White Background



This preview shows how the Decimal color 8716401 looks on a white background.

## Color Contrast Check

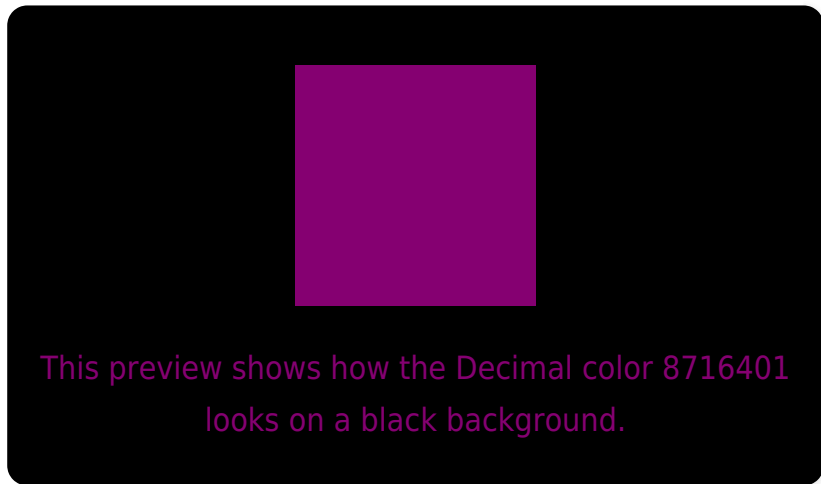
Large Text (above 18pt) WCAG AA ✓ Pass

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

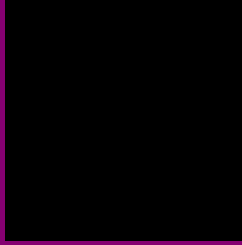
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 8716401 Background



This preview shows how black text looks on a background with the Decimal color 8716401.

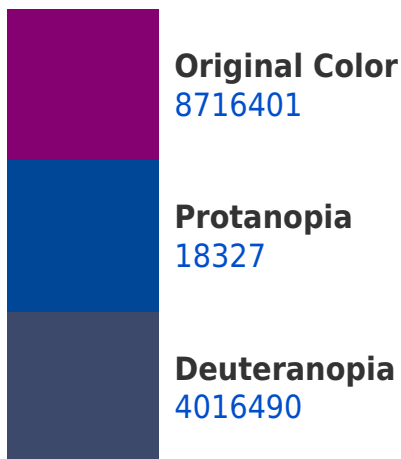



This preview shows how white text looks on a background with the Decimal color 8716401.

# 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





**Tritanopia**  
8334383

# Trichromacy



**Original Color**  
8716401

**Protanomaly**  
3157385

**Deuteranomaly**  
5713517

**Tritanomaly**  
8461383

# Monochromacy



**Original Color**  
8716401

**Achromatopsia**  
3487029

**Achromatomaly**  
5382731

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8716401 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 #850071 looks like.

```
.text, #text, p{  
  color:#850071  
}
```

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 #850071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #850071
}
```

## Border

The CSS property to change the border of an element to Decimal 8716401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

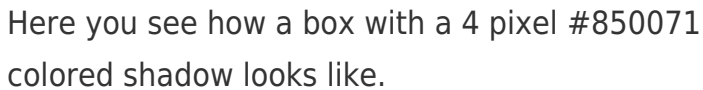
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#850071 }
```

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

```
.border{ border-color:#850071 }
```

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



Here you see how a box with a 4 pixel #850071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #850071; -webkit-box-shadow:4px 4px  
4px 4px #850071; box-shadow:4px 4px 4px  
4px #850071 }
```

# Background

The CSS property to change the background color of an element to Decimal 8716401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#850071 }
```

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

```
.background{ background-color:#850071 }
```

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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