

# Converting Colors

Decimal(8716324)

Have a look what the booklet for  
Decimal(8716324) contains.

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**Color**

**Decimal(8716324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	850024
RGB	133, 0, 36
RGB Percent	52%, 0%, 14%
CMY	0.4784, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.73, 0.48
HSL	344°, 100%, 26%
HSV	344°, 100%, 52%
XYZ	9.9913, 5.1139, 2.1296
YIQ	43.8710, 67.7120, 39.3920

# Conversions

## Conversions Part 2

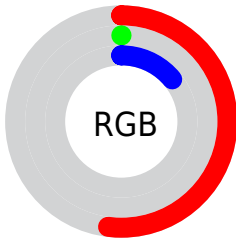
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	133, 0, 36
Decimal	8716324
CIE Lab	27.06, 50.38, 20.35
CIE LCh	27, 54.339, 21.994
Yxy	5.1139, 0.5797, 0.2967
Android (android.graphics.Color)	4286906404 (0xFF850024)
YUV	43.8710, -3.8804, 78.1661
Hunter-Lab	22.6140, 39.2904, 10.2465

# Details

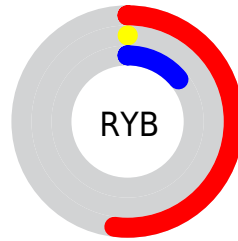
The Decimal color **8716324** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **34145**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **12666192**, and **4915200** is the 20% darker color. If you saturate the color by 10%, you get **8716324**, and if you desaturate by 10%, it is **8719662**.

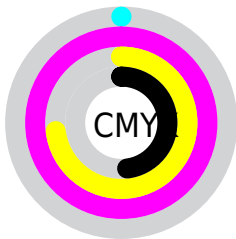
# Distribution



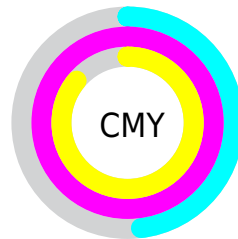
- Red (52%)
- Green (0%)
- Blue (14%)



- Red (52%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8716324 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 8716324 by changing the saturation by 10% instead.



 8716324

 8716324

16777215

 6815760

 12666192

 4915200

 14639208

 3145730

 16677761

 0

 16750235

 16757430

 16764882

 16772334

 8716324

 8719662

 8723255

 8726593

 8729931

 8733525

 8736862

 8740200

 8743538

 8747131

# Harmonies

## Analogous

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



8519757



8716324



7677184

# Triad

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



8716324



19714



18836

# Complementary

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



8716324



34145

# 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.



20354



8716324



20531

# Square

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



8716324



3360512



20830



1063566

# Rectangle

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



8716324



6501376



20830



19600



# Sweetspot

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



8716324



11368839



6226053



5715776



14079702



5723991



# Same Dimension

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



8716324



11337775



8723712



4340797



8519715



196609



# Inverse Universe

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



8716324



11337775



26757



4340797



8519715

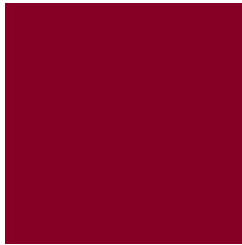


196609



# Previews

## White Background



This preview shows how the Decimal color 8716324 looks on a white background.

## Color Contrast Check

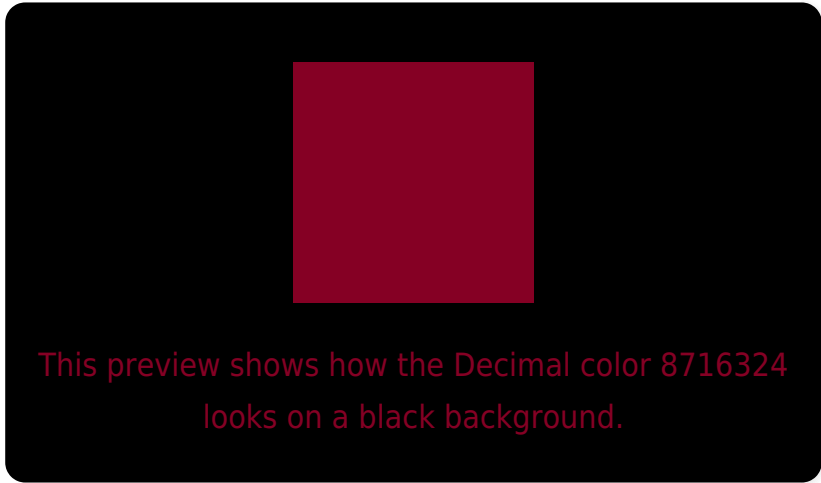
Large Text (above 18pt) WCAG AA ✓ Pass

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 8716324 Background



This preview shows how black text looks on a background with the Decimal color 8716324.



This preview shows how white text looks on a background with the Decimal color 8716324.

# 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**

8716324

**Protanopia**

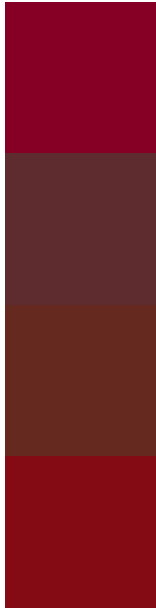
4736054

**Deuteranopia**

5521437



# Trichromacy



**Original Color**  
8716324

**Protanomaly**  
6171439

**Deuteranomaly**  
6695200

**Tritanomaly**  
8653332

# Monochromacy



**Original Color**  
8716324

**Achromatopsia**  
2894892

**Achromatomaly**  
4987945

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8716324 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 #850024 looks like.

```
.text, #text, p{  
  color:#850024  
}
```

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 #850024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #850024
}
```

## Border

The CSS property to change the border of an element to Decimal 8716324 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".

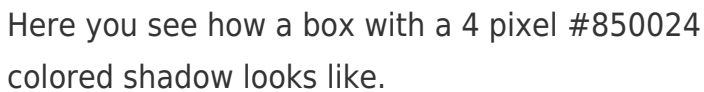
```
.border, #border, table{ border:4px solid
#850024 }
```

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

```
.border{ border-color:#850024 }
```

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

Here you see how a box with a 4 pixel #850024 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #850024; -webkit-box-shadow:4px 4px  
4px 4px #850024; box-shadow:4px 4px 4px  
4px #850024 }
```

# Background

The CSS property to change the background color of an element to Decimal 8716324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#850024 }
```

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

```
.background{ background-color:#850024 }
```

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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