

# Converting Colors

Decimal(8612008)

Have a look what the booklet for  
Decimal(8612008) contains.

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# Color

**Decimal(8612008)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8368A8
RGB	131, 104, 168
RGB Percent	51%, 41%, 66%
CMY	0.4863, 0.5922, 0.3412
CMYK	0.22, 0.38, 0.00, 0.34
HSL	265°, 27%, 53%
HSV	265°, 38%, 66%
XYZ	21.3783, 17.5531, 39.3071
YIQ	119.3690, -4.4520, 25.6280

# Conversions

## Conversions Part 2

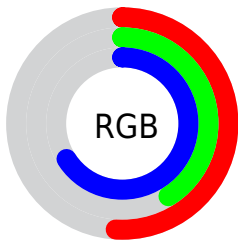
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 104, 168
Decimal	8612008
CIE <sub>Lab</sub>	48.95, 24.12, -30.43
CIE <sub>LCh</sub>	49, 38.827, 308.406
Yxy	17.5531, 0.2732, 0.2244
Android (android.graphics.Color)	4286802088 (0xFF8368A8)
YUV	119.3690, 23.9751, 10.2004
Hunter-Lab	41.8964, 17.7636, -26.2983

# Details

The Decimal color **8612008** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **9283688**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **12164063**, and **5257332** is the 20% darker color. If you saturate the color by 10%, you get **7952296**, and if you desaturate by 10%, it is **9271720**.

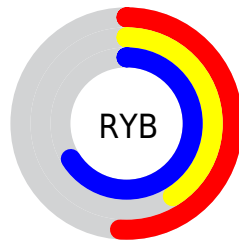
# Distribution



Red (51%)

Green (41%)

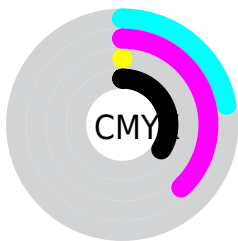
Blue (66%)



Red (51%)

Yellow (41%)

Blue (66%)

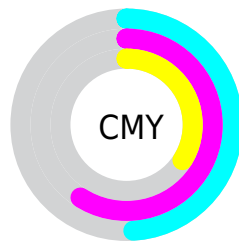


Cyan (22%)

Magenta (38%)

Yellow (0%)

Black (34%)



Cyan (49%)

Magenta (59%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8612008 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 8612008 by changing the saturation by 10% instead.



■ 8612008

■ 8612008

16777215

■ 6901901

■ 12164063

■ 5257332

■ 14006012

■ 3678811

■ 15913727

■ 2035011

■ 16773119

■ 720941

■ 279

■ 0

■ 8612008

■ 8612008

■ 7952296

■ 9271720

7358120

9865896

6698664

10525352

6038952

11185064

5379240

11844776

4785064

12438952

4653224

13098664

13758120

14352296

# Harmonies

## Analogous

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



5076405



8612008



10771597

# Triad

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



8612008



10185271



34173

# Complementary

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



8612008



9283688

# 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.



2851675



8612008



8353073

# Square

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



8612008



11427405



6061631



33948

# Rectangle

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



8612008



11491703



6061631



34161



# Sweetspot

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



8612008



13485019



6852008



6643566



15592941



7237230



# Same Dimension

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



8612008



10581723



10709160



5196884



4063380



589844



# Inverse Universe

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



11036813



14382769



7186536



5524561



9699414

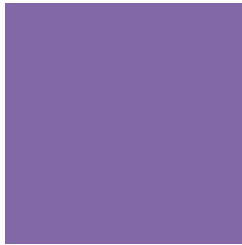


1310732



# Previews

## White Background



This preview shows how the Decimal color 8612008 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



This preview shows how the Decimal color 8612008 looks on a 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 8612008 Background



This preview shows how black text looks on a background with the Decimal color 8612008.



This preview shows how white text looks on a background with the Decimal color 8612008.

# 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**  
8090234

# Trichromacy



**Original Color**  
8612008

**Protanomaly**  
7106222

**Deuteranomaly**  
7237543

**Tritanomaly**  
8285835

# Monochromacy



**Original Color**  
8612008

**Achromatopsia**  
7829367

**Achromatomaly**  
8090249

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8612008 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 #8368A8 looks like.

```
.text, #text, p{  
    color:#8368A8  
}
```

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 #8368A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8368A8
}
```

## Border

The CSS property to change the border of an element to Decimal 8612008 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
#8368A8 }
```

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

```
.border{ border-color:#8368A8 }
```

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

Here you see how a box with a 4 pixel #8368A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8368A8; -webkit-box-shadow:4px 4px  
4px 4px #8368A8; box-shadow:4px 4px 4px  
4px #8368A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 8612008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8368A8 }
```

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

```
.background{ background-color:#8368A8 }
```

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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