

# Converting Colors

Decimal(8746437)

Have a look what the booklet for  
Decimal(8746437) contains.

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# **Color**

**Decimal(8746437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8575C5
RGB	133, 117, 197
RGB Percent	52%, 46%, 77%
CMY	0.4784, 0.5412, 0.2275
CMYK	0.32, 0.41, 0.00, 0.23
HSL	252°, 41%, 62%
HSV	252°, 41%, 77%
XYZ	26.1122, 21.7403, 55.6434
YIQ	130.9040, -16.1440, 28.2720

# Conversions

## Conversions Part 2

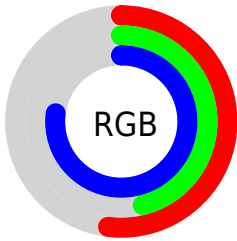
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 117, 197
Decimal	8746437
CIE <sub>Lab</sub>	53.75, 24.39, -39.64
CIE <sub>LCh</sub>	54, 46.544, 301.606
Yxy	21.7403, 0.2523, 0.2101
Android (android.graphics.Color)	4286936517 (0xFF8575C5)
YUV	130.9040, 32.5853, 1.8382
Hunter-Lab	46.6265, 18.3687, -38.1172

# Details

The Decimal color **8746437** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **11912565**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **12364286**, and **5260687** is the 20% darker color. If you saturate the color by 10%, you get **7692741**, and if you desaturate by 10%, it is **9800133**.

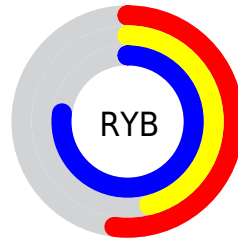
# Distribution



Red (52%)

Green (46%)

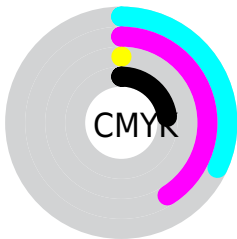
Blue (77%)



Red (52%)

Yellow (46%)

Blue (77%)

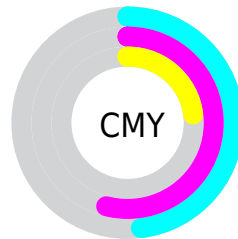


Cyan (32%)

Magenta (41%)

Yellow (0%)

Black (23%)



Cyan (48%)

Magenta (54%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8746437 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 8746437 by changing the saturation by 10% instead.



■ 8746437

■ 8746437

16777215

■ 6970537

■ 12364286

■ 5260687

■ 14271999

■ 3550837

■ 16179711

■ 1775964

■ 16776703

■ 324

■ 813

■ 279

■ 0

■ 8746437

■ 8746437

7692741

9800133

6639301

10853573

5651141

11841733

4597445

12895429

3543749

13949125

2556101

15002565

15990725

16777157

# Harmonies

## Analogous

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



3179729



8746437



11756967

# Triad

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



8746437



11890746



38017

# Complementary

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



8746437



11912565

# 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.



3379545



8746437



9797420

# Square

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



8746437



13132377



7113272



37801

# Rectangle

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



8746437



12869261



7113272



38003



# Sweetspot

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



8746437



15196415



7714245



7433856



0



8421504



# Same Dimension

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



8746437



10191615



11367877



5986915



2162851



458788



# Inverse Universe

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



12940725



16745190



9291125



6511201



10682499

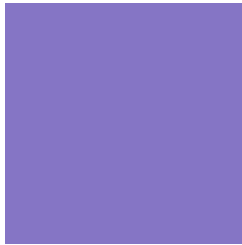


2359325



# Previews

## White Background



This preview shows how the Decimal color 8746437 looks on a white background.

## Color Contrast Check

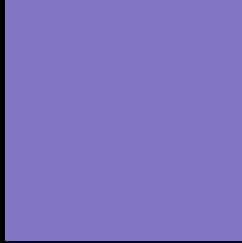
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 8746437 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 8746437 Background



This preview shows how black text looks on a background with the Decimal color 8746437.



This preview shows how white text looks on a background with the Decimal color 8746437.

# 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





# Trichromacy



**Original Color**  
8746437

**Protanomaly**  
7306186

**Deuteranomaly**  
7240900

**Tritanomaly**  
8224161

# Monochromacy



**Original Color**  
8746437

**Achromatopsia**  
8618883

**Achromatomaly**  
8683163

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8746437 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 #8575C5 looks like.

```
.text, #text, p{  
    color:#8575C5  
}
```

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 #8575C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8575C5
}
```

## Border

The CSS property to change the border of an element to Decimal 8746437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

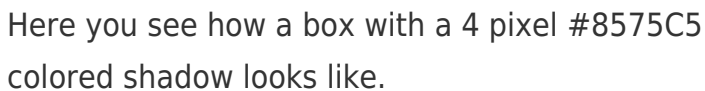
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8575C5 }
```

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

```
.border{ border-color:#8575C5 }
```

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



Here you see how a box with a 4 pixel #8575C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8575C5; -webkit-box-shadow:4px 4px  
4px 4px #8575C5; box-shadow:4px 4px 4px  
4px #8575C5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8746437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8575C5 }
```

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

```
.background{ background-color:#8575C5 }
```

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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