

# Converting Colors

Decimal(8676523)

Have a look what the booklet for  
Decimal(8676523) contains.

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# Color

**Decimal(8676523)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8464AB
RGB	132, 100, 171
RGB Percent	52%, 39%, 67%
CMY	0.4824, 0.6078, 0.3294
CMYK	0.23, 0.42, 0.00, 0.33
HSL	267°, 30%, 53%
HSV	267°, 42%, 67%
XYZ	21.4236, 16.9602, 40.6726
YIQ	117.6620, -3.7190, 28.8650

# Conversions

## Conversions Part 2

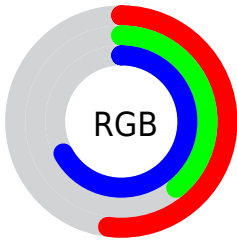
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 100, 171
Decimal	8676523
CIE <sub>Lab</sub>	48.21, 27.52, -33.33
CIE <sub>LCh</sub>	48, 43.227, 309.549
Yxy	16.9602, 0.2710, 0.2145
Android (android.graphics.Color)	4286866603 (0xFF8464AB)
YUV	117.6620, 26.2956, 12.5744
Hunter-Lab	41.1827, 20.7874, -29.7277

# Details

The Decimal color **8676523** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **9153380**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **12228579**, and **5321846** is the 20% darker color. If you saturate the color by 10%, you get **8082347**, and if you desaturate by 10%, it is **9270699**.

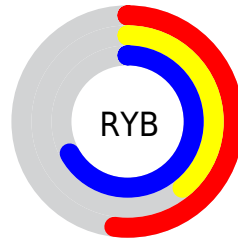
# Distribution



Red (52%)

Green (39%)

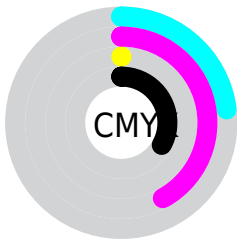
Blue (67%)



Red (52%)

Yellow (39%)

Blue (67%)

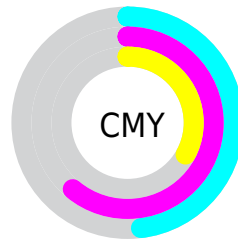


Cyan (23%)

Magenta (42%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (61%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8676523 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 8676523 by changing the saturation by 10% instead.



■ 8676523

■ 8676523

16777215

■ 6966416

■ 12228579

■ 5321846

■ 14136063

■ 3677789

■ 15978239

■ 2033733

■ 16771839

■ 524335

■ 281

■ 0

■ 8676523

■ 8676523

■ 8082347

■ 9270699

7422635

9930411

6828459

10524587

6168747

11184299

5574315

11778475

5046443

12372907

13032619

13626795

14286507

# Harmonies

## Analogous

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



4551610



8676523



11032205

# Triad

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



8676523



10184492



34173

# Complementary

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



8676523



9153380

# 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.



1016664



8676523



8156198

# Square

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



8676523



11557446



5537079



33696

# Rectangle

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



8676523



11817589



5537079



33905



# Sweetspot

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



8676523



13616094



6589355



6840432



15790320



7368816



# Same Dimension

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



8676523



10579934



10970283



5394007



4456598



655383



# Inverse Universe

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



11232395



14577580



6859620



5721683



9830483

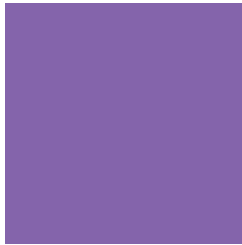


1507341



# Previews

## White Background



This preview shows how the Decimal color 8676523 looks on a white background.

## Color Contrast Check

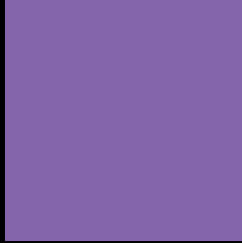
Large Text (above 18pt) WCAG AA ✓ Pass

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 8676523 looks on a 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 8676523 Background



This preview shows how black text looks on a background with the Decimal color 8676523.




This preview shows how white text looks on a background with the Decimal color 8676523.

# 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**  
8089464

# Trichromacy



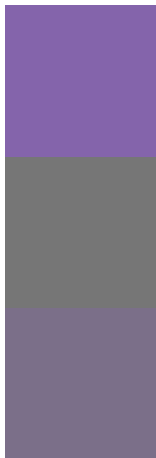
**Original Color**  
8676523

**Protanomaly**  
6843570

**Deuteranomaly**  
7040425

**Tritanomaly**  
8285067

# Monochromacy



**Original Color**  
8676523

**Achromatopsia**  
7763574

**Achromatomaly**  
8089481

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8676523 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 #8464AB looks like.

```
.text, #text, p{  
    color:#8464AB  
}
```

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 #8464AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8464AB
}
```

## Border

The CSS property to change the border of an element to Decimal 8676523 is called "border". The border property can be set on classes, ids or directly on the HTML element.

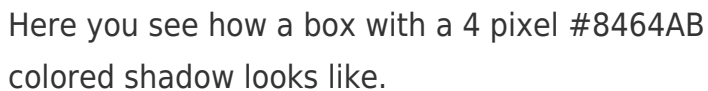
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8464AB }
```

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

```
.border{ border-color:#8464AB }
```

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



Here you see how a box with a 4 pixel #8464AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8464AB; -webkit-box-shadow:4px 4px  
4px 4px #8464AB; box-shadow:4px 4px 4px  
4px #8464AB }
```

# Background

The CSS property to change the background color of an element to Decimal 8676523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8464AB }
```

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

```
.background{ background-color:#8464AB }
```

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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