

# Converting Colors

Decimal(8550051)

Have a look what the booklet for  
Decimal(8550051) contains.

<b>Decimal(8550051)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(8550051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8276A3
RGB	130, 118, 163
RGB Percent	51%, 46%, 64%
CMY	0.4902, 0.5373, 0.3608
CMYK	0.20, 0.28, 0.00, 0.36
HSL	256°, 20%, 55%
HSV	256°, 28%, 64%
XYZ	22.2952, 20.3470, 37.4026
YIQ	126.7180, -7.2930, 16.5390

# Conversions

## Conversions Part 2

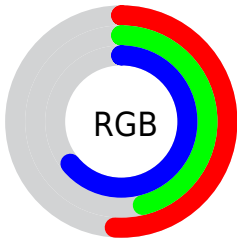
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 118, 163
Decimal	8550051
CIE <sub>Lab</sub>	52.23, 14.28, -22.44
CIE <sub>LCh</sub>	52, 26.595, 302.473
Yxy	20.3470, 0.2785, 0.2542
Android (android.graphics.Color)	4286740131 (0xFF8276A3)
YUV	126.7180, 17.8870, 2.8783
Hunter-Lab	45.1077, 9.2881, -17.5870

# Details

The Decimal color **8550051** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9937782**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **12036826**, and **5260911** is the 20% darker color. If you saturate the color by 10%, you get **7759523**, and if you desaturate by 10%, it is **9340579**.

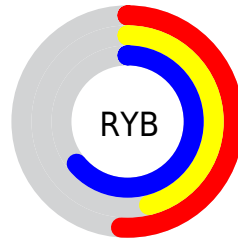
# Distribution



Red (51%)

Green (46%)

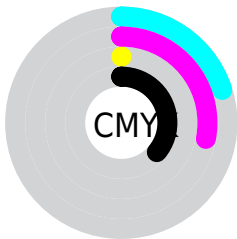
Blue (64%)



Red (51%)

Yellow (46%)

Blue (64%)

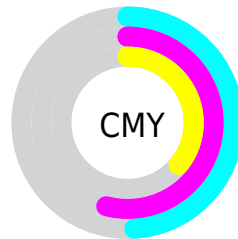


Cyan (20%)

Magenta (28%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (54%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8550051 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 8550051 by changing the saturation by 10% instead.





8550051



8550051

16777215



6839689



12036826



5260911



13878775



3682135



15786495



2169407

16776959



917545



275



0



8550051



8550051



7759523



9340579

6968739

10131363

6178211

10921891

5387683

11712419

4597155

12503203

3806371

13293731

3015843

14084259

2818211

14874787

15663011

# Harmonies

## Analogous

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



6323882



8550051



10186642

# Triad

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



8550051



10318933



3967358

# Complementary

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



8550051



9937782

# 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.



5736295



8550051



9075791

# Square

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



8550051



11038053



7504725



2918548

# Rectangle

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



8550051



10841219



7504725



4557174



# Sweetspot

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



8550051



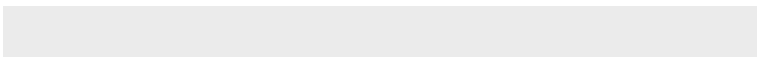
13091796



7772067



6512747



15461355



7039851



# Same Dimension

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



8550051



10522324



10057379



4999506



2556049



327698



# Inverse Universe

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



10712727



13930177



8495990



5392719



9502827



1179661



# Previews

## White Background



This preview shows how the Decimal color 8550051 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 8550051 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 8550051 Background



This preview shows how black text looks on a background with the Decimal color 8550051.



This preview shows how white text looks on a background with the Decimal color 8550051.

# 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**  
8550051

**Protanopia**  
7371687

**Deuteranopia**  
7699106



**Tritanopia**  
8223877

# Trichromacy



**Original Color**  
8550051

**Protanomaly**  
7829926

**Deuteranomaly**  
8026530

**Tritanomaly**  
8354448

# Monochromacy



**Original Color**  
8550051

**Achromatopsia**  
8355711

**Achromatomaly**  
8420492

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8550051 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 #8276A3 looks like.

```
.text, #text, p{  
    color:#8276A3  
}
```

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 #8276A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8276A3
}
```

## Border

The CSS property to change the border of an element to Decimal 8550051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

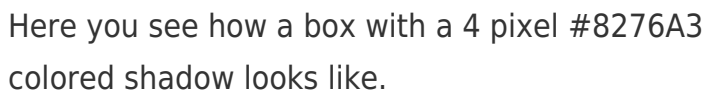
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8276A3 }
```

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

```
.border{ border-color:#8276A3 }
```

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



Here you see how a box with a 4 pixel #8276A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8276A3; -webkit-box-shadow:4px 4px  
4px 4px #8276A3; box-shadow:4px 4px 4px  
4px #8276A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8550051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8276A3 }
```

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

```
.background{ background-color:#8276A3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor