

# Converting Colors

Decimal(8550301)

Have a look what the booklet for  
Decimal(8550301) contains.

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# Color

**Decimal(8550301)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82779D
RGB	130, 119, 157
RGB Percent	51%, 47%, 62%
CMY	0.4902, 0.5333, 0.3843
CMYK	0.17, 0.24, 0.00, 0.38
HSL	257°, 16%, 54%
HSV	257°, 24%, 62%
XYZ	21.8886, 20.3738, 34.6772
YIQ	126.6210, -5.6420, 14.1500

# Conversions

## Conversions Part 2

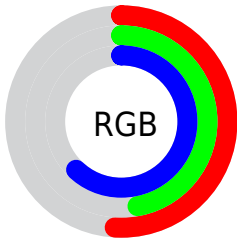
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 119, 157
Decimal	8550301
CIE <sub>Lab</sub>	52.26, 12.26, -18.90
CIE <sub>LCh</sub>	52, 22.527, 302.983
Yxy	20.3738, 0.2845, 0.2648
Android (android.graphics.Color)	4286740381 (0xFF82779D)
YUV	126.6210, 14.9768, 2.9634
Hunter-Lab	45.1373, 7.5700, -13.9539

# Details

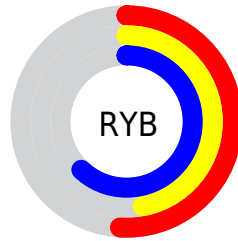
The Decimal color **8550301** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9608567**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **12037076**, and **5261162** is the 20% darker color. If you saturate the color by 10%, you get **7825309**, and if you desaturate by 10%, it is **9275293**.

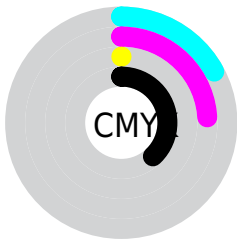
# Distribution



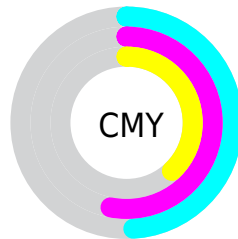
- Red (51%)
- Green (47%)
- Blue (62%)



- Red (51%)
- Yellow (47%)
- Blue (62%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (53%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8550301 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 8550301 by changing the saturation by 10% instead.



■ 8550301

16777215

■ 12037076

■ 13879280

■ 15787007

■ 8550301

■ 6905475

■ 5261162

■ 3747921

■ 2235194

■ 983333

■ 269

■ 0

■ 8550301

■ 7825309

■ 8550301

■ 9275293

7100573

10000029

6375581

10725021

5585053

11515549

4860061

12240541

4135325

12965277

3410333

13690269

2949277

14415261

15138717

# Harmonies

## Analogous

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



6782627



8550301



9925007

# Triad

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



8550301



10057307



4818814

# Complementary

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



8550301



9608567

# 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.



6129259



8550301



9010262

# Square

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



8550301



10645609



7635548



4294545

# Rectangle

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



8550301



10514306



7635548



5212023



# Sweetspot

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



8550301



12762828



7836317



6315622



15132390



6710886



# Same Dimension

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



8550301



10654156



9795485



4802383



2687119



262159



# Inverse Universe

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



10319762



13406651



8363383



5195597



9371749



983051



# Previews

## White Background



This preview shows how the Decimal color 8550301 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 8550301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

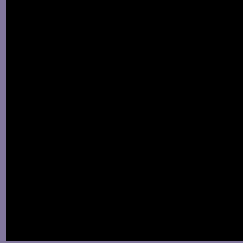
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8550301 Background



This preview shows how black text looks on a background with the Decimal color 8550301.



This preview shows how white text looks on a background with the Decimal color 8550301.

# 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**  
8289157

# Trichromacy



**Original Color**  
8550301

**Protanomaly**  
7895711

**Deuteranomaly**  
8157596

**Tritanomaly**  
8354446

# Monochromacy



**Original Color**  
8550301

**Achromatopsia**  
8355711

**Achromatomaly**  
8420490

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8550301 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 #82779D looks like.

```
.text, #text, p{  
    color:#82779D  
}
```

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 #82779D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82779D
}
```

## Border

The CSS property to change the border of an element to Decimal 8550301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

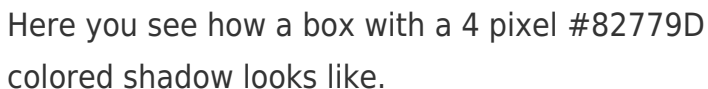
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82779D }
```

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

```
.border{ border-color:#82779D }
```

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



Here you see how a box with a 4 pixel #82779D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82779D; -webkit-box-shadow:4px 4px  
4px 4px #82779D; box-shadow:4px 4px 4px  
4px #82779D }
```

# Background

The CSS property to change the background color of an element to Decimal 8550301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82779D }
```

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

```
.background{ background-color:#82779D }
```

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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