

Converting Colors

Decimal(8541096)

Have a look what the booklet for
Decimal(8541096) contains.

Decimal(8541096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8541096)

Conversions

Conversions Part 1

Format	Color
Hex	8253A8
RGB	130, 83, 168
RGB Percent	51%, 33%, 66%
CMY	0.4902, 0.6745, 0.3412
CMYK	0.23, 0.51, 0.00, 0.34
HSL	273°, 34%, 49%
HSV	273°, 51%, 66%
XYZ	19.3671, 13.7595, 38.6809
YIQ	106.7430, 0.7270, 36.3990

Conversions

Conversions Part 2

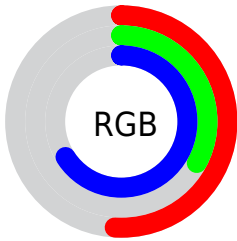
Format	Color
R _Y B	130, 83, 168
Decimal	8541096
CIE Lab	43.89, 36.09, -38.40
CIE LCh	44, 52.698, 313.231
Yxy	13.7595, 0.2697, 0.1916
Android (android.graphics.Color)	4286731176 (0xFF8253A8)
YUV	106.7430, 30.1997, 20.3964
Hunter-Lab	37.0938, 28.2826, -35.8611

Details

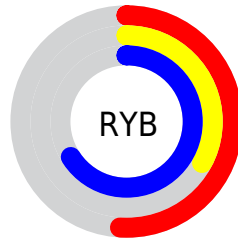
The Decimal color **8541096** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7972947**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **12158688**, and **5120883** is the 20% darker color. If you saturate the color by 10%, you get **8012456**, and if you desaturate by 10%, it is **9069736**.

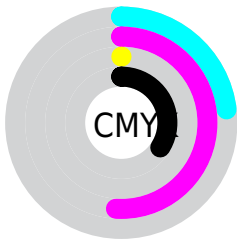
Distribution



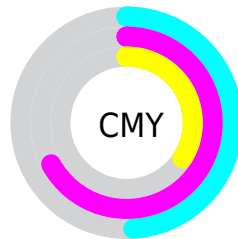
- Red (51%)
- Green (33%)
- Blue (66%)



- Red (51%)
- Yellow (33%)
- Blue (66%)



- Cyan (23%)
- Magenta (51%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8541096 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 8541096 by changing the saturation by 10% instead.

8541096

8541096

16777215

6830989

12158688

5120883

14000380

3410522

15908095

1835074

16767231

43

16774655

278

0

8541096

8541096

8012456

9069736

7549352

9532840

7020968

10061224

6557864

10524328

6095016

11052968

11516072

12044712

12507560

13036200

Harmonies

Analogous

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



2844349



8541096



11157634

Triad

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



8541096



9526534



31866

Complementary

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



8541096



7972947

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.



31309



8541096



7040000

Square

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



8541096



11291181



3700002



31395

Rectangle

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



8541096



11876965



3700002



31851

Sweetspot

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



8541096



13482715



5470632



6642286



15592941



7237230

Same Dimension

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



8541096



10442459



11031460



5262420



5374100



720916

Inverse Universe

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



11031417



14374545



5482583



5524559



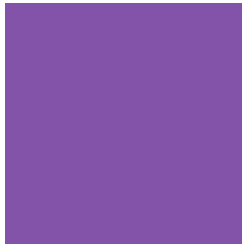
9699394



1310729

Previews

White Background



This preview shows how the Decimal color 8541096 looks on a white background.

Color Contrast Check

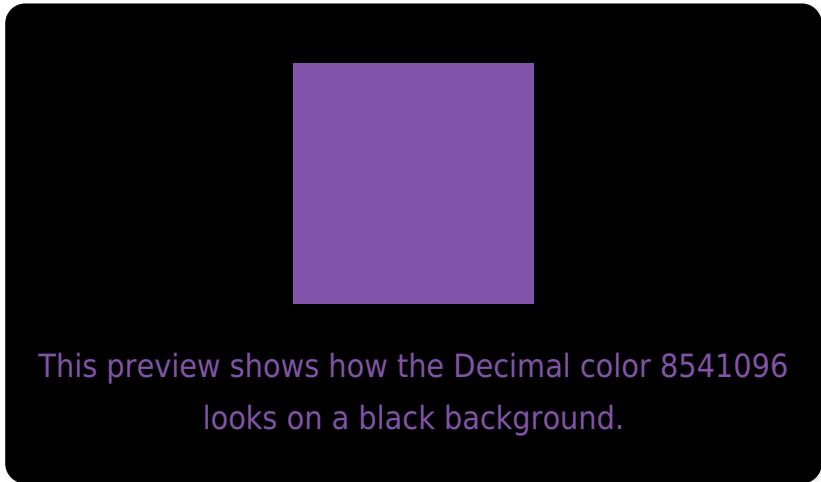
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 8541096 Background



This preview shows how black text looks on a background with the Decimal color 8541096.




This preview shows how white text looks on a background with the Decimal color 8541096.

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
7889514

Trichromacy



Original Color
8541096

Protanomaly
5791411

Deuteranomaly
6054053

Tritanomaly
8150401

Monochromacy



Original Color
8541096

Achromatopsia
7039851

Achromatomaly
7561857

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8541096 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 #8253A8 looks like.

```
.text, #text, p{  
    color:#8253A8  
}
```

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 #8253A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8253A8
}
```

Border

The CSS property to change the border of an element to Decimal 8541096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

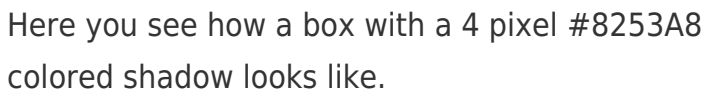
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8253A8 }
```

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

```
.border{ border-color:#8253A8 }
```

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



Here you see how a box with a 4 pixel #8253A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8253A8; -webkit-box-shadow:4px 4px  
4px 4px #8253A8; box-shadow:4px 4px 4px  
4px #8253A8 }
```

Background

The CSS property to change the background color of an element to Decimal 8541096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8253A8 }
```

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

```
.background{ background-color:#8253A8 }
```

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