

# Converting Colors

Decimal(8140194)

Have a look what the booklet for  
Decimal(8140194) contains.

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**Color**

**Decimal(8140194)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C35A2
RGB	124, 53, 162
RGB Percent	49%, 21%, 64%
CMY	0.5137, 0.7922, 0.3647
CMYK	0.23, 0.67, 0.00, 0.36
HSL	279°, 51%, 42%
HSV	279°, 67%, 64%
XYZ	16.1069, 9.4399, 35.1556
YIQ	86.6550, 7.3270, 48.9510

# Conversions

## Conversions Part 2

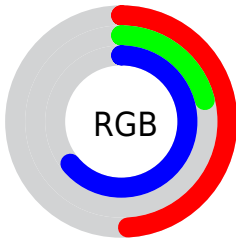
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 53, 162
Decimal	8140194
CIE <sub>Lab</sub>	36.82, 49.03, -46.14
CIE <sub>LCh</sub>	37, 67.325, 316.737
Yxy	9.4399, 0.2653, 0.1555
Android (android.graphics.Color)	4286330274 (0xFF7C35A2)
YUV	86.6550, 37.1451, 32.7516
Hunter-Lab	30.7245, 39.8083, -46.3337

# Details

The Decimal color **8140194** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6005301**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **11823578**, and **4587629** is the 20% darker color. If you saturate the color by 10%, you get **7742882**, and if you desaturate by 10%, it is **8537506**.

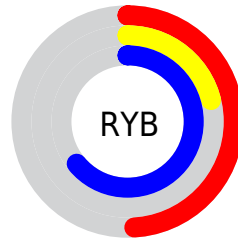
# Distribution



Red (49%)

Green (21%)

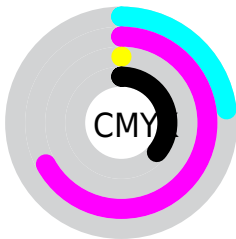
Blue (64%)



Red (49%)

Yellow (21%)

Blue (64%)

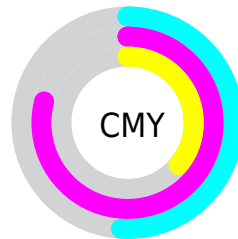


Cyan (23%)

Magenta (67%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (79%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8140194 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 8140194 by changing the saturation by 10% instead.



8140194

8140194

16777215

6363783

11823578

4587629

13665270

2883668

15572735

1245245

16759551

550

16766719

270

16774143

0

8140194

8140194

7742882

8537506

7411106

8869282

7013538

9266850

6946978

9664162

9995938

10393250

10790562

11122594

11519906

# Harmonies

## Analogous

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



21440



8140194



11010161

# Triad

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



8140194



8276736



28021

# Complementary

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



8140194



6005301

# 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.



27452



8140194



5201152

# Square

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



8140194



10562816



26368



27814

# Rectangle

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



8140194



11665485



26368



28002



# Sweetspot

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



8140194



12954068



3496866



6443371



15461355



7039851



# Same Dimension

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



8140194



9971924



10630546



5196114



6226065



786450



# Inverse Universe

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



10630491



13903972



3514949



5392716



9502771



1179654



# Previews

## White Background



This preview shows how the Decimal color 8140194 looks on a white background.

## Color Contrast Check

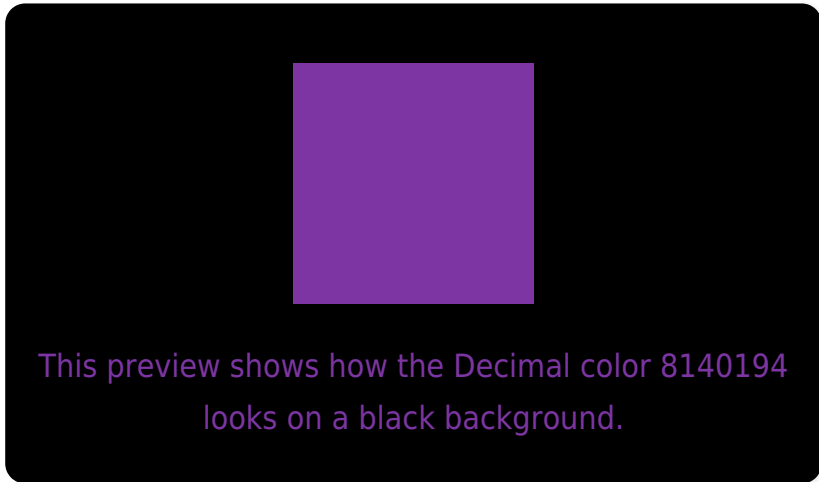
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

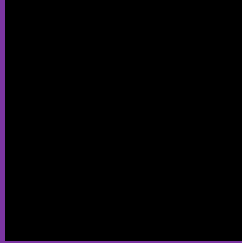
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8140194 Background



This preview shows how black text looks on a background with the Decimal color 8140194.




This preview shows how white text looks on a background with the Decimal color 8140194.

# 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**  
7294548

# Trichromacy



**Original Color**  
8140194



**Protanomaly**  
2967980



**Deuteranomaly**  
3951774



**Tritanomaly**  
7619952

# Monochromacy



**Original Color**  
8140194



**Achromatopsia**  
5723991



**Achromatomaly**  
6572914

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8140194 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 #7C35A2 looks like.

```
.text, #text, p{  
  color:#7C35A2  
}
```

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 #7C35A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C35A2
}
```

## Border

The CSS property to change the border of an element to Decimal 8140194 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
#7C35A2 }
```

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

```
.border{ border-color:#7C35A2 }
```

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

Here you see how a box with a 4 pixel #7C35A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C35A2; -webkit-box-shadow:4px 4px  
4px 4px #7C35A2; box-shadow:4px 4px 4px  
4px #7C35A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 8140194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C35A2 }
```

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

```
.background{ background-color:#7C35A2 }
```

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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