

# Converting Colors

Decimal(8020377)

Have a look what the booklet for  
Decimal(8020377) contains.

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# Color

**Decimal(8020377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A6199
RGB	122, 97, 153
RGB Percent	48%, 38%, 60%
CMY	0.5216, 0.6196, 0.4000
CMYK	0.20, 0.37, 0.00, 0.40
HSL	267°, 22%, 49%
HSV	267°, 37%, 60%
XYZ	18.0505, 14.9869, 32.0784
YIQ	110.8590, -3.0760, 22.7160

# Conversions

## Conversions Part 2

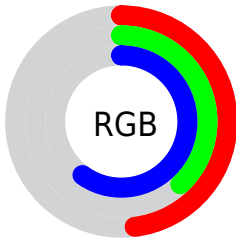
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 97, 153
Decimal	8020377
CIE <sub>Lab</sub>	45.62, 21.81, -26.85
CIE <sub>LCh</sub>	46, 34.590, 309.095
Yxy	14.9869, 0.2772, 0.2302
Android (android.graphics.Color)	4286210457 (0xFF7A6199)
YUV	110.8590, 20.7755, 9.7707
Hunter-Lab	38.7129, 15.4810, -22.0300

# Details

The Decimal color **8020377** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8427873**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **11506896**, and **4731494** is the 20% darker color. If you saturate the color by 10%, you get **7492249**, and if you desaturate by 10%, it is **8548505**.

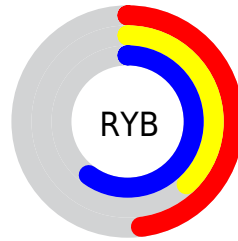
# Distribution



Red (48%)

Green (38%)

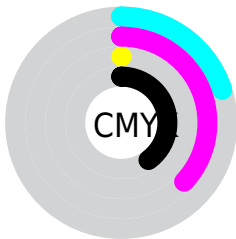
Blue (60%)



Red (48%)

Yellow (38%)

Blue (60%)

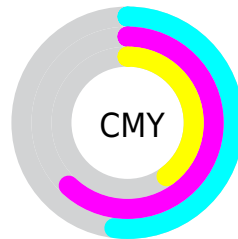


Cyan (20%)

Magenta (37%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (62%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8020377 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 8020377 by changing the saturation by 10% instead.



8020377

8020377

16777215

6375807

11506896

4731494

13348844

3152973

15190783

1639990

16770815

33

5

0

8020377

8020377

7492249

8548505

6898329

9142425

6370201

9670553

5776537

10264217

5248153

10792345

4654489

11386265

4456601

11914393

12508057

13036441

# Harmonies

## Analogous

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



5008549



8020377



9918337

# Triad

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



8020377



9331510



31604

# Complementary

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



8020377



8427873

# 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.



2980182



8020377



7695665

# Square

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



8020377



10443081



5666110



31120

# Rectangle

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



8020377



10507374



5666110



31594



# Sweetspot

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



8020377



12300743



6390169



6051683



14935011



6513507



# Same Dimension

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



8020377



9859015



9789849



4736333



4128908



393229



# Inverse Universe

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



10051968



13070240



6658401



5064009



9175118

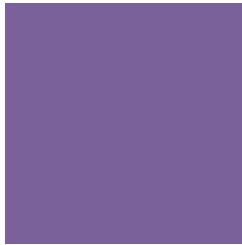


851975



# Previews

## White Background



This preview shows how the Decimal color 8020377 looks on a white background.

## Color Contrast Check

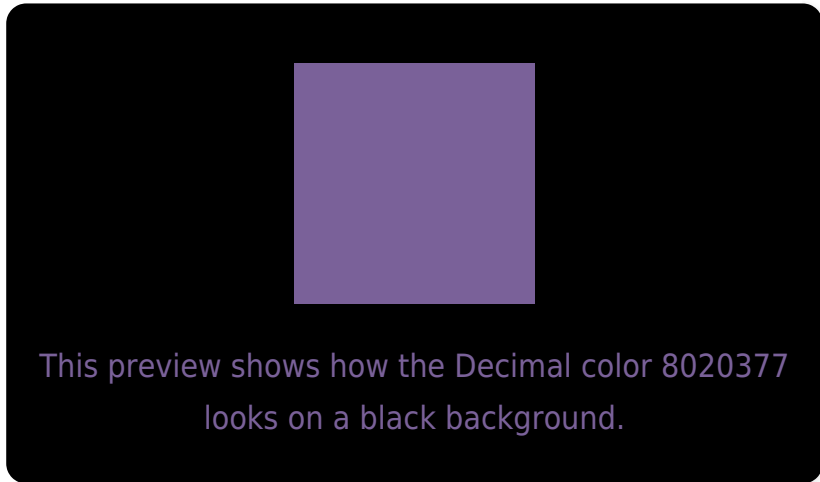
Large Text (above 18pt) WCAG AA ✓ Pass

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

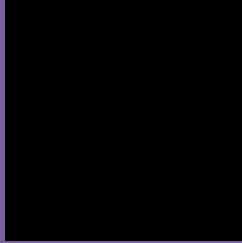
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8020377 Background



This preview shows how black text looks on a background with the Decimal color 8020377.

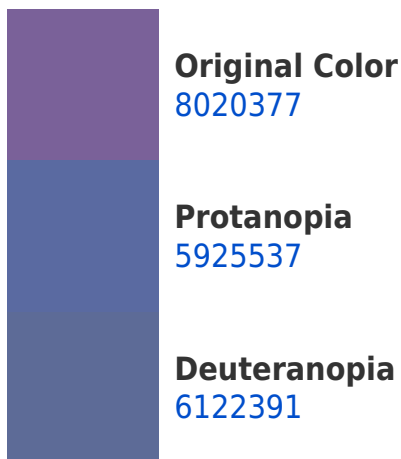


This preview shows how white text looks on a background with the Decimal color 8020377.

# 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





# Trichromacy



**Original Color**  
8020377

**Protanomaly**  
6711198

**Deuteranomaly**  
6842264

**Tritanomaly**  
7759488

# Monochromacy



**Original Color**  
8020377

**Achromatopsia**  
7303023

**Achromatomaly**  
7563902

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8020377 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 #7A6199 looks like.

```
.text, #text, p{  
    color:#7A6199  
}
```

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 #7A6199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6199
}
```

## Border

The CSS property to change the border of an element to Decimal 8020377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

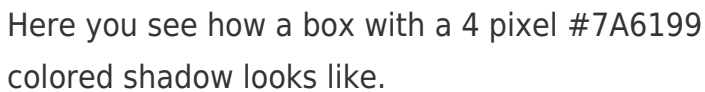
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A6199 }
```

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

```
.border{ border-color:#7A6199 }
```

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



Here you see how a box with a 4 pixel #7A6199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6199; -webkit-box-shadow:4px 4px  
4px 4px #7A6199; box-shadow:4px 4px 4px  
4px #7A6199 }
```

# Background

The CSS property to change the background color of an element to Decimal 8020377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6199 }
```

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

```
.background{ background-color:#7A6199 }
```

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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