

# Converting Colors

Decimal(7353241)

Have a look what the booklet for  
Decimal(7353241) contains.

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# Color

**Decimal(7353241)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 703399                   |
| RGB           | 112, 51, 153             |
| RGB Percent   | 44%, 20%, 60%            |
| CMY           | 0.5608, 0.8000, 0.4000   |
| CMYK          | 0.27, 0.67, 0.00, 0.40   |
| HSL           | 276°, 50%, 40%           |
| HSV           | 276°, 67%, 60%           |
| XYZ           | 13.6157, 8.1123, 30.9852 |
| YIQ           | 80.8670, 3.6140, 44.6540 |

# Conversions

## Conversions Part 2

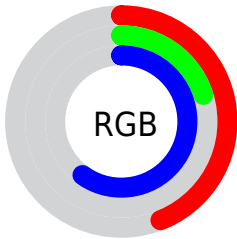
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 112, 51, 153                  |
| Decimal                             | 7353241                       |
| CIE Lab                             | 34.22, 45.17, -44.97          |
| CIE LCh                             | 34, 63.742, 315.127           |
| Yxy                                 | 8.1123, 0.2583,<br>0.1539     |
| Android<br>(android.graphics.Color) | 4285543321<br>(0xFF703399)    |
| YUV                                 | 80.8670, 35.5616,<br>27.3036  |
| Hunter-Lab                          | 28.4821, 35.4871,<br>-44.5631 |

# Details

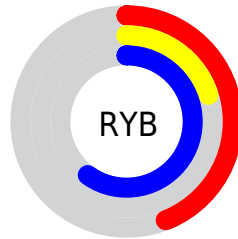
The Decimal color **7353241** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6068531**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **10970832**, and **3866725** is the 20% darker color. If you saturate the color by 10%, you get **6956185**, and if you desaturate by 10%, it is **7750297**.

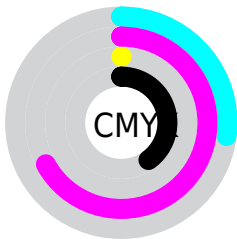
# Distribution



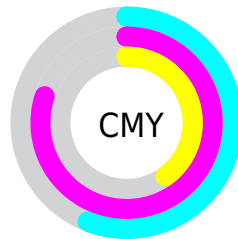
- Red (44%)
- Green (20%)
- Blue (60%)



- Red (44%)
- Yellow (20%)
- Blue (60%)



- Cyan (27%)
- Magenta (67%)
- Yellow (0%)
- Black (40%)



- Cyan (56%)
- Magenta (80%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7353241 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 7353241 by changing the saturation by 10% instead.



7353241

7353241

16777215

5577087

10970832

3866725

12812525

2162764

14719999

53

16627455

543

16765695

1

16773119

0

7353241

7353241

6956185

7750297

■ 6558873

■ 8147609

■ 6161817

■ 8544665

■ 5963929

■ 9007257

■ 9404569

■ 9801625

■ 10198681

■ 10595737

■ 10993049

# Harmonies

## Analogous

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



20404



7353241



10223724

# Triad

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



7353241



7881984



25962

# Complementary

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



7353241



6068531

# 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.



25652



7353241



5002752

# Square

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



7353241



9906180



24320



25752

# Rectangle

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



7353241



10879050



24320



25944



# Sweetspot

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



7353241



12033991



3366553



5917795



14935011



6513507



# Same Dimension

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



7353241



8857799



10040209



4801869



5505164



524301



# Inverse Universe

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



10040156



13052008



3381563



5064008



9175096



851973



# Previews

## White Background



This preview shows how the Decimal color 7353241 looks on a white background.

## Color Contrast Check

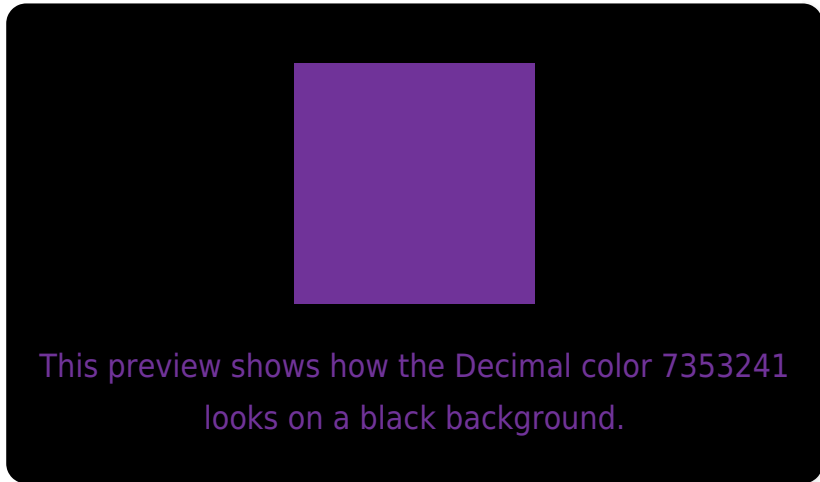
Large Text (above 18pt) WCAG AA ✓ Pass

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

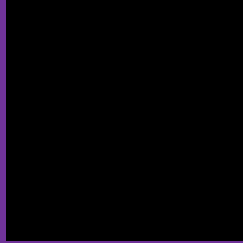
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7353241 Background



This preview shows how black text looks on a background with the Decimal color 7353241.

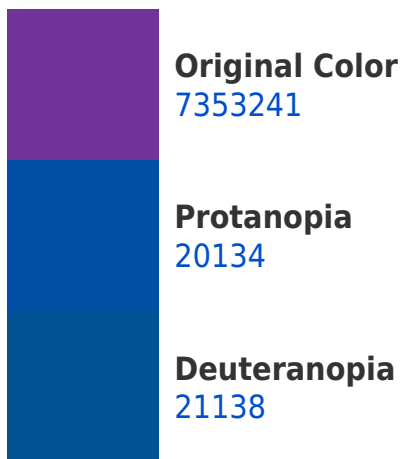


This preview shows how white text looks on a background with the Decimal color 7353241.

# 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**  
6572624

# Trichromacy



**Original Color**

7353241



**Protanomaly**

2704545



**Deuteranomaly**

2705301



**Tritanomaly**

6832747

# Monochromacy



**Original Color**

7353241



**Achromatopsia**

5329233



**Achromatomaly**

6047339

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7353241 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 #703399 looks like.

```
.text, #text, p{  
    color:#703399  
}
```

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 #703399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703399
}
```

## Border

The CSS property to change the border of an element to Decimal 7353241 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
#703399 }
```

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

```
.border{ border-color:#703399 }
```

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

Here you see how a box with a 4 pixel #703399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703399; -webkit-box-shadow:4px 4px  
4px 4px #703399; box-shadow:4px 4px 4px  
4px #703399 }
```

# Background

The CSS property to change the background color of an element to Decimal 7353241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703399 }
```

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

```
.background{ background-color:#703399 }
```

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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