

# Converting Colors

Decimal(7555715)

Have a look what the booklet for  
Decimal(7555715) contains.

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# Color

**Decimal(7555715)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734A83
RGB	115, 74, 131
RGB Percent	45%, 29%, 51%
CMY	0.5490, 0.7098, 0.4863
CMYK	0.12, 0.44, 0.00, 0.49
HSL	283°, 28%, 40%
HSV	283°, 44%, 51%
XYZ	13.6157, 10.1811, 22.7202
YIQ	92.7570, 6.1390, 26.4190

# Conversions

## Conversions Part 2

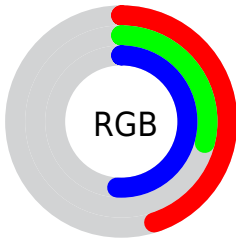
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 74, 131
Decimal	7555715
CIE Lab	38.17, 28.15, -25.24
CIE LCh	38, 37.805, 318.121
Yxy	10.1811, 0.2927, 0.2189
Android (android.graphics.Color)	4285745795 (0xFF734A83)
YUV	92.7570, 18.8538, 19.5071
Hunter-Lab	31.9078, 20.3311, -19.8825

# Details

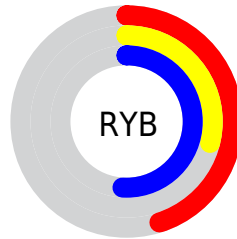
The Decimal color **7555715** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5931850**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **11041976**, and **4267089** is the 20% darker color. If you saturate the color by 10%, you get **7290243**, and if you desaturate by 10%, it is **7821187**.

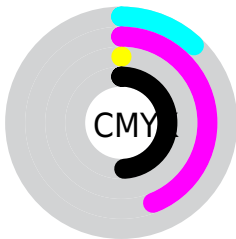
# Distribution



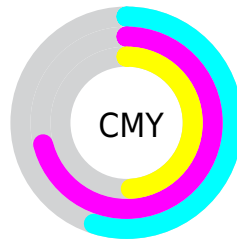
- Red (45%)
- Green (29%)
- Blue (51%)



- Red (45%)
- Yellow (29%)
- Blue (51%)



- Cyan (12%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (71%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7555715 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 7555715 by changing the saturation by 10% instead.





7555715



7555715

16777215



5911402



11041976



4267089



12883668



2753850



14725616



1376292



16633087



12



16771583



0



7555715



7555715



7290243



7821187



7090307



8021123

6824835

8286595

6559363

8552067

6359427

8752003

6160515

9017731

9283203

9483139

9748611

# Harmonies

## Analogous

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



4544404



7555715



9191527

# Triad

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



7555715



7689243



26988

# Complementary

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



7555715



5931850

# 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.



26700



7555715



5856795

# Square

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



7555715



8996909



3499311



26503

# Rectangle

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



7555715



9584211



3499311



26978



# Sweetspot

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



7555715



10851755



4872835



5458263



14079702



5723991



# Same Dimension

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



7555715



9589419



8604279



4209730



6160514



131075



# Inverse Universe

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



8604250



11227755



4883286



4340798



8519717

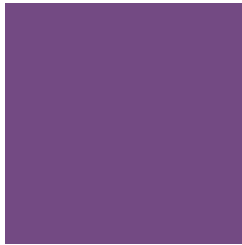


196609



# Previews

## White Background



This preview shows how the Decimal color 7555715 looks on a white background.

## Color Contrast Check

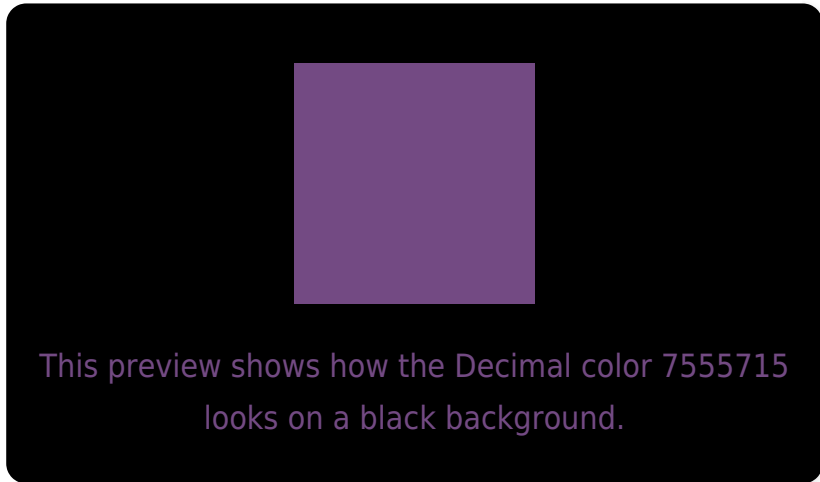
Large Text (above 18pt) WCAG AA ✓ Pass

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

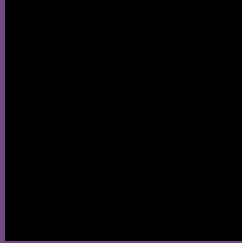
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7555715 Background



This preview shows how black text looks on a background with the Decimal color 7555715.



This preview shows how white text looks on a background with the Decimal color 7555715.

# 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**  
7164762

# Trichromacy



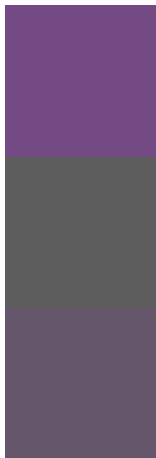
**Original Color**  
7555715

**Protanomaly**  
5657483

**Deuteranomaly**  
5919873

**Tritanomaly**  
7295081

# Monochromacy



**Original Color**  
7555715

**Achromatopsia**  
6118749

**Achromatomaly**  
6641259

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7555715 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 #734A83 looks like.

```
.text, #text, p{  
    color:#734A83  
}
```

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 #734A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734A83
}
```

## Border

The CSS property to change the border of an element to Decimal 7555715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

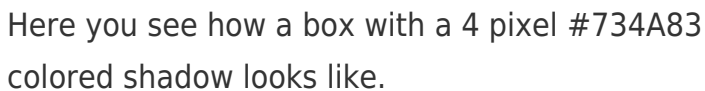
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734A83 }
```

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

```
.border{ border-color:#734A83 }
```

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



Here you see how a box with a 4 pixel #734A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734A83; -webkit-box-shadow:4px 4px  
4px 4px #734A83; box-shadow:4px 4px 4px  
4px #734A83 }
```

# Background

The CSS property to change the background color of an element to Decimal 7555715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734A83 }
```

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

```
.background{ background-color:#734A83 }
```

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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