

# Converting Colors

Decimal(7613010)

Have a look what the booklet for  
Decimal(7613010) contains.

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# Color

**Decimal(7613010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	742A52
RGB	116, 42, 82
RGB Percent	45%, 16%, 32%
CMY	0.5451, 0.8353, 0.6784
CMYK	0.00, 0.64, 0.29, 0.55
HSL	328°, 47%, 31%
HSV	328°, 64%, 45%
XYZ	9.5534, 5.9781, 8.6330
YIQ	68.6860, 31.2640, 28.1280

# Conversions

## Conversions Part 2

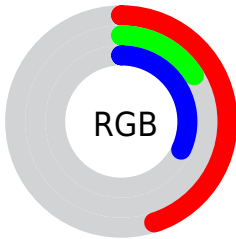
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 42, 82
Decimal	7613010
CIE Lab	29.36, 36.97, -7.72
CIE LCh	29, 37.767, 348.207
Yxy	5.9781, 0.3953, 0.2474
Android (android.graphics.Color)	4285803090 (0xFF742A52)
YUV	68.6860, 6.5638, 41.4944
Hunter-Lab	24.4502, 26.9573, -3.8193

# Details

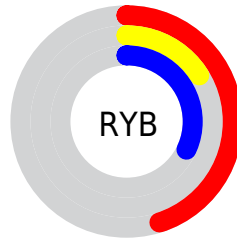
The Decimal color **7613010** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2782284**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **11164803**, and **4194341** is the 20% darker color. If you saturate the color by 10%, you get **7609933**, and if you desaturate by 10%, it is **7616087**.

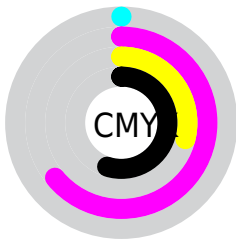
# Distribution



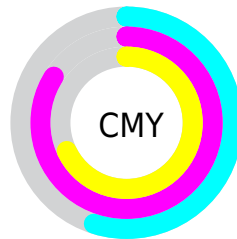
- Red (45%)
- Green (16%)
- Blue (32%)



- Red (45%)
- Yellow (16%)
- Blue (32%)



- Cyan (0%)
- Magenta (64%)
- Yellow (29%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7613010 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 7613010 by changing the saturation by 10% instead.




 7613010

 7613010

16777215

 5902139

 11164803

 4194341

 13072029

 2883600

 14913720

 0

 16755668


 16762864

 16770047

 7613010

 7613010

 7609933

 7616087

7607111

7618909

7604034

7621986

7602239

7624807

7627885

7630962

7633783

7636861

7639682

# Harmonies

## Analogous

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



6108525



7613010



8005941

# Triad

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



7613010



4409604



20848

# Complementary

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



7613010



2782284

# 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.



21335



7613010



2051867

# Square

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



7613010



6111237



21048



19582

# Rectangle

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



7613010



7679778



21048



21097



# Sweetspot

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



7613010



9861769



4926068



5061444



13421772



5066061



# Same Dimension

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



7613010



9839457



7612974



3880248



7995458



16384135



# Inverse Universe

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



7613010



9839457



2782320



3880248



7995458

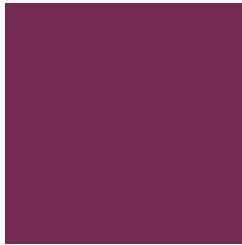


16384135



# Previews

## White Background



This preview shows how the Decimal color 7613010 looks on a white background.

## Color Contrast Check

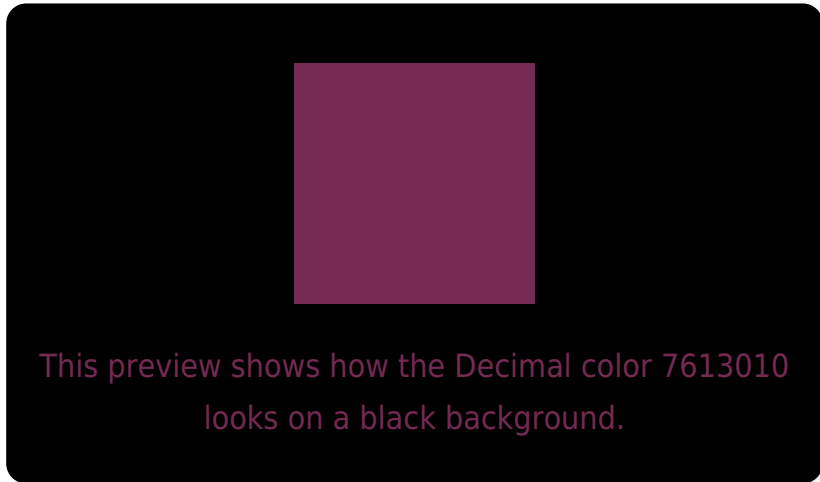
Large Text (above 18pt) WCAG AA ✓ Pass

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

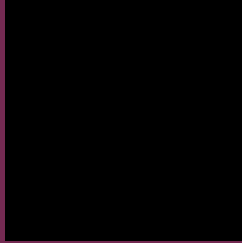
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7613010 Background



This preview shows how black text looks on a background with the Decimal color 7613010.



This preview shows how white text looks on a background with the Decimal color 7613010.

# 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



**Original Color**  
7613010

**Protanopia**  
3949925

**Deuteranopia**  
4801614



**Tritanopia**  
7483700

# Trichromacy



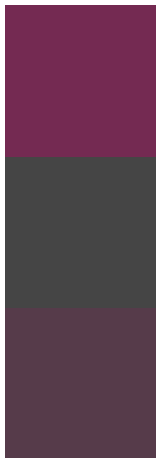
**Original Color**  
7613010

**Protanomaly**  
5258078

**Deuteranomaly**  
5847887

**Tritanomaly**  
7548479

# Monochromacy



**Original Color**  
7613010

**Achromatopsia**  
4539717

**Achromatomaly**  
5651274

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7613010 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 #742A52 looks like.

```
.text, #text, p{  
    color:#742A52  
}
```

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 #742A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742A52
}
```

## Border

The CSS property to change the border of an element to Decimal 7613010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

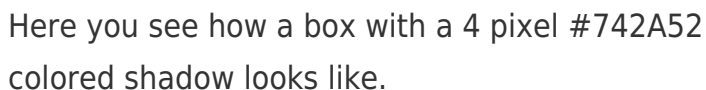
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742A52 }
```

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

```
.border{ border-color:#742A52 }
```

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



Here you see how a box with a 4 pixel #742A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742A52; -webkit-box-shadow:4px 4px  
4px 4px #742A52; box-shadow:4px 4px 4px  
4px #742A52 }
```

# Background

The CSS property to change the background color of an element to Decimal 7613010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742A52 }
```

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

```
.background{ background-color:#742A52 }
```

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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