

# Converting Colors

Decimal(7628393)

Have a look what the booklet for  
Decimal(7628393) contains.

<b>Decimal(7628393)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7628393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	746669
RGB	116, 102, 105
RGB Percent	45%, 40%, 41%
CMY	0.5451, 0.6000, 0.5882
CMYK	0.00, 0.12, 0.09, 0.55
HSL	347°, 6%, 43%
HSV	347°, 12%, 45%
XYZ	14.5036, 14.2357, 15.3479
YIQ	106.5280, 7.3810, 3.9010

# Conversions

## Conversions Part 2

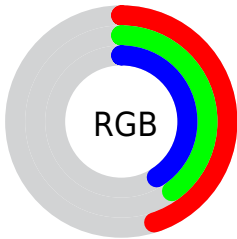
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 102, 105
Decimal	7628393
CIE Lab	44.57, 6.11, 0.34
CIE LCh	45, 6.124, 3.212
Yxy	14.2357, 0.3290, 0.3229
Android (android.graphics.Color)	4285818473 (0xFF746669)
YUV	106.5280, -0.7533, 8.3069
Hunter-Lab	37.7302, 2.5883, 2.2931

# Details

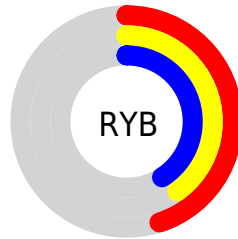
The Decimal color **7628393** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6714481**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **11049372**, and **4470586** is the 20% darker color. If you saturate the color by 10%, you get **7625312**, and if you desaturate by 10%, it is **7631474**.

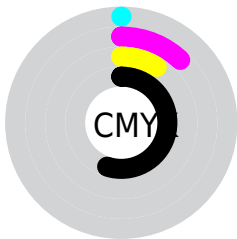
# Distribution



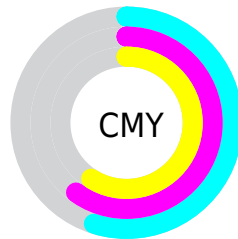
- Red (45%)
- Green (40%)
- Blue (41%)



- Red (45%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7628393 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 7628393 by changing the saturation by 10% instead.





7628393



7628393

16777215



5983825



11049372



4470586



12825783



2957860



14667731



1641487



16575727



0



7628393



7628393



7625312



7631474



7622487



7634299



7619406



7637380

7616581

7640205

7613499

7643287

7610418

7646368

7607593

7649193

7604512

7652274

7602201

7655099

# Harmonies

## Analogous

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



7432046



7628393



7628388

# Triad

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



7628393



6777697



6318962

# Complementary

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



7628393



6714481

# 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.



6122607



7628393



6450277

# Square

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



7628393



7170399



6188138



6646387

# Rectangle

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



7628393



7563105



6188138



6188145



# Sweetspot

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



7628393



9867410



7431796



5065033



13421772



5066061



# Same Dimension

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



7628393



9863558



7629414



3880246



7995418



16384054



# Inverse Universe

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



7628393



9863558



6713460



3880246



7995418



16384054



# Previews

## White Background



This preview shows how the Decimal color 7628393 looks on a white background.

## Color Contrast Check

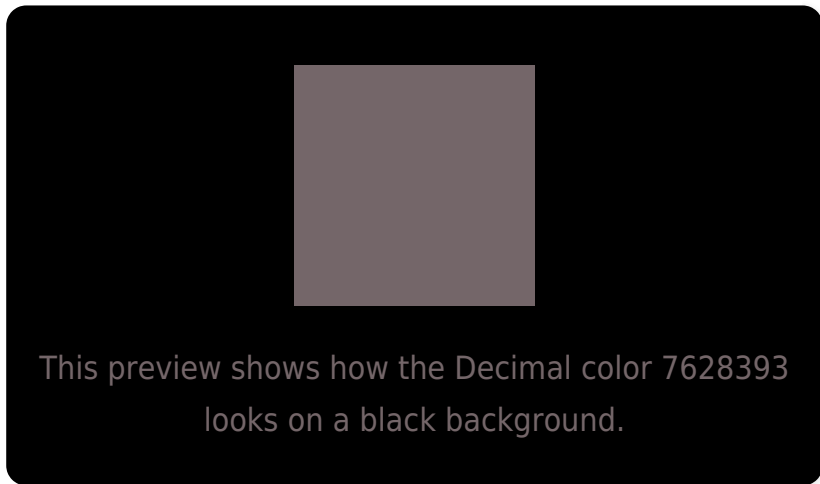
Large Text (above 18pt) WCAG AA ✓ Pass

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

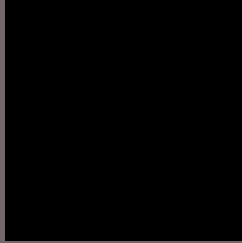
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7628393 Background



This preview shows how black text looks on a background with the Decimal color 7628393.



This preview shows how white text looks on a background with the Decimal color 7628393.

# 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**

7628393

**Protanopia**

7039339

**Deuteranopia**

7628393



**Tritanopia**  
7693677

# Trichromacy



**Original Color**

7628393

**Protanomaly**

7235690

**Deuteranomaly**

7628393

**Tritanomaly**

7693676

# Monochromacy



**Original Color**

7628393

**Achromatopsia**

7039851

**Achromatomaly**

7235946

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7628393 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 #746669 looks like.

```
.text, #text, p{  
    color:#746669  
}
```

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 #746669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746669
}
```

## Border

The CSS property to change the border of an element to Decimal 7628393 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".

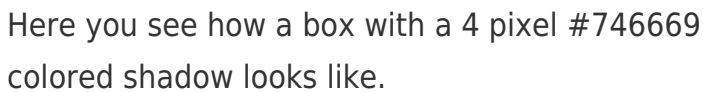
```
.border, #border, table{ border:4px solid
#746669 }
```

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

```
.border{ border-color:#746669 }
```

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

Here you see how a box with a 4 pixel #746669 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746669; -webkit-box-shadow:4px 4px  
4px 4px #746669; box-shadow:4px 4px 4px  
4px #746669 }
```

# Background

The CSS property to change the background color of an element to Decimal 7628393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746669 }
```

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

```
.background{ background-color:#746669 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor