

# Converting Colors

Decimal(7625027)

Have a look what the booklet for  
Decimal(7625027) contains.

<b>Decimal(7625027)</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(7625027)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745943
RGB	116, 89, 67
RGB Percent	45%, 35%, 26%
CMY	0.5451, 0.6510, 0.7373
CMYK	0.00, 0.23, 0.42, 0.55
HSL	27°, 27%, 36%
HSV	27°, 42%, 45%
XYZ	11.7880, 11.2630, 6.8629
YIQ	94.5650, 23.1540, -1.1180

# Conversions

## Conversions Part 2

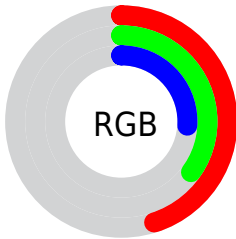
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 107, 67
Decimal	7625027
CIE Lab	40.02, 7.88, 16.99
CIE LCh	40, 18.731, 65.118
Yxy	11.2630, 0.3941, 0.3765
Android (android.graphics.Color)	4285815107 (0xFF745943)
YUV	94.5650, -13.5895, 18.7985
Hunter-Lab	33.5604, 3.9667, 11.3679

# Details

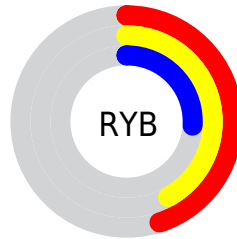
The Decimal color **7625027** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4415092**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **11111283**, and **4336664** is the 20% darker color. If you saturate the color by 10%, you get **7623479**, and if you desaturate by 10%, it is **7626575**.

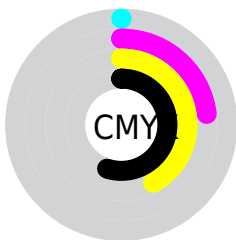
# Distribution



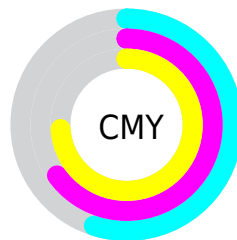
- Red (45%)
- Green (35%)
- Blue (26%)



- Red (45%)
- Yellow (42%)
- Blue (26%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (55%)



- Cyan (55%)
- Magenta (65%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7625027 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 7625027 by changing the saturation by 10% instead.




 7625027

 7625027

16777215

 5980717

 11111283

 4336664

 12952973

 2889472

 14794919

 1179648

 16702658

 0

 16775646

 16777211

 7625027

 7625027

 7623479

 7626575

■ 7621676

■ 7628378

■ 7620128

■ 7629926

■ 7618325

■ 7631729

■ 7616777

■ 7633277

■ 7615488

■ 7634825

■ 7636628

■ 7638176

■ 7639979

# Harmonies

## Analogous

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



8148301



7625027



6774336

# Triad

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



7625027



3499872



6576503

# Complementary

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



7625027



4415092

# 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.



5136252



7625027



3040879

# Square

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



7625027



4482641



3761018



7624043

# Rectangle

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



7625027



6054210



3761018



6118266



# Sweetspot

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



7625027



9866371



7619423



5064256



13421772



5066061



# Same Dimension

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



7625027



9858122



7631171



3880757



8009472



16412672



# Inverse Universe

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



4415092



4879510



4408948



3487803



17274

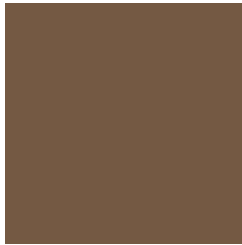


35578



# Previews

## White Background



This preview shows how the Decimal color 7625027 looks on a white background.

## Color Contrast Check

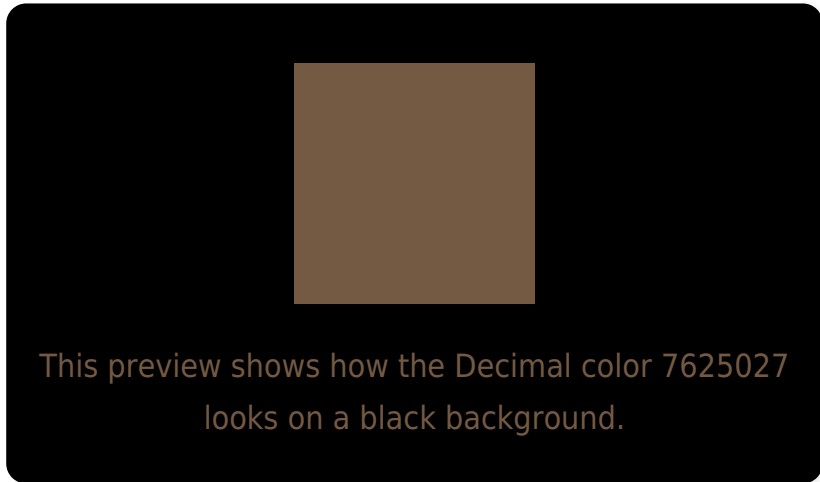
Large Text (above 18pt) WCAG AA ✓ Pass

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 7625027 Background



This preview shows how black text looks on a background with the Decimal color 7625027.



This preview shows how white text looks on a background with the Decimal color 7625027.

# 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**  
7625027

**Protanopia**  
6708805

**Deuteranopia**  
7363395



**Tritanopia**  
7755356

# Trichromacy



**Original Color**  
7625027

**Protanomaly**  
7035972

**Deuteranomaly**  
7428675

**Tritanomaly**  
7690067

# Monochromacy



**Original Color**  
7625027

**Achromatopsia**  
6250335

**Achromatomaly**  
6774101

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7625027 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 #745943 looks like.

```
.text, #text, p{  
  color:#745943  
}
```

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 #745943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745943
}
```

## Border

The CSS property to change the border of an element to Decimal 7625027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

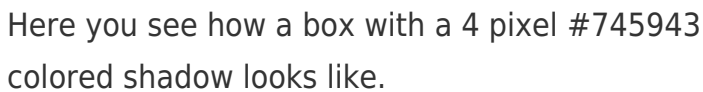
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745943 }
```

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

```
.border{ border-color:#745943 }
```

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



Here you see how a box with a 4 pixel #745943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745943; -webkit-box-shadow:4px 4px  
4px 4px #745943; box-shadow:4px 4px 4px  
4px #745943 }
```

# Background

The CSS property to change the background color of an element to Decimal 7625027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745943 }
```

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

```
.background{ background-color:#745943 }
```

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