

# Converting Colors

Decimal(7626051)

Have a look what the booklet for  
Decimal(7626051) contains.

<b>Decimal(7626051)</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(7626051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745D43
RGB	116, 93, 67
RGB Percent	45%, 36%, 26%
CMY	0.5451, 0.6353, 0.7373
CMYK	0.00, 0.20, 0.42, 0.55
HSL	32°, 27%, 36%
HSV	32°, 42%, 45%
XYZ	12.1299, 11.9470, 6.9769
YIQ	96.9130, 22.0540, -3.2100

# Conversions

## Conversions Part 2

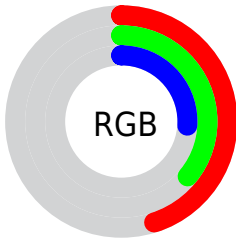
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 116, 67
Decimal	7626051
CIE <sub>Lab</sub>	41.13, 5.48, 18.47
CIE <sub>LCh</sub>	41, 19.266, 73.482
Yxy	11.9470, 0.3906, 0.3847
Android (android.graphics.Color)	4285816131 (0xFF745D43)
YUV	96.9130, -14.7471, 16.7393
Hunter-Lab	34.5644, 2.1547, 12.2273

# Details

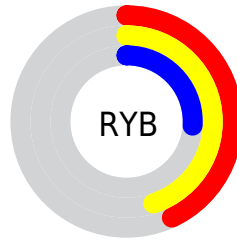
The Decimal color **7626051** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4414068**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **11112307**, and **4337431** is the 20% darker color. If you saturate the color by 10%, you get **7624759**, and if you desaturate by 10%, it is **7627343**.

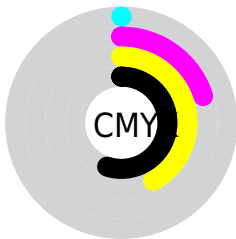
# Distribution



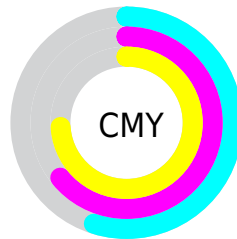
- Red (45%)
- Green (36%)
- Blue (26%)



- Red (43%)
- Yellow (45%)
- Blue (26%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7626051 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 7626051 by changing the saturation by 10% instead.




 7626051

 7626051

16777215

 5981485

 11112307

 4337431

 12954253

 2890240

 14796199

 1179648

 16703939

 0

 16776927

 16777211

 7626051

 7626051

 7624759

 7627343

■ 7623212

■ 7628890

■ 7621920

■ 7630182

■ 7620373

■ 7631729

■ 7619081

■ 7633021

■ 7618048

■ 7634569

■ 7635860

■ 7637408

■ 7638699

# Harmonies

## Analogous

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



8280140



7626051



6644290

# Triad

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



7626051



3304040



7101048

# Complementary

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



7626051



4414068

# 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.



5726336



7626051



3238006

# Square

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



7626051



4286808



4220287



8083050

# Rectangle

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



7626051



5858630



4220287



6708347



# Sweetspot

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



7626051



9866627



7619419



5064512



13421772



5066061



# Same Dimension

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



7626051



9859658



7566403



3881013



8012032



16418048



# Inverse Universe

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



4414068



4877974



4473716



3487803



14714

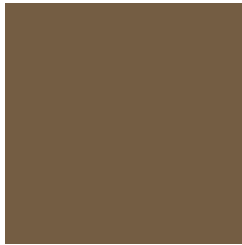


30202



# Previews

## White Background



This preview shows how the Decimal color 7626051 looks on a white background.

## Color Contrast Check

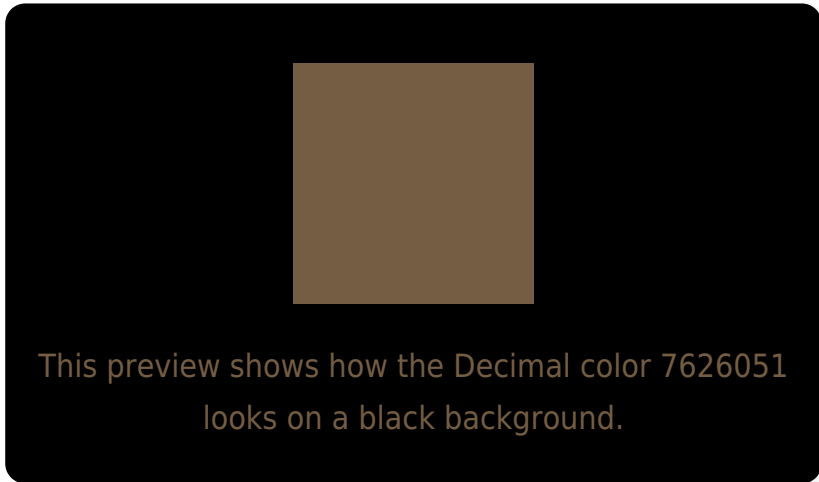
Large Text (above 18pt) WCAG AA ✓ Pass

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 7626051 Background



This preview shows how black text looks on a background with the Decimal color 7626051.



This preview shows how white text looks on a background with the Decimal color 7626051.

# 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**  
7626051

**Protanopia**  
6906181

**Deuteranopia**  
7626051



**Tritanopia**  
7821664

# Trichromacy



**Original Color**  
7626051

**Protanomaly**  
7168068

**Deuteranomaly**  
7626051

**Tritanomaly**  
7756373

# Monochromacy



**Original Color**  
7626051

**Achromatopsia**  
6381921

**Achromatomaly**  
6840406

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7626051 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 #745D43 looks like.

```
.text, #text, p{  
    color:#745D43  
}
```

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 #745D43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745D43
}
```

## Border

The CSS property to change the border of an element to Decimal 7626051 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
#745D43 }
```

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

```
.border{ border-color:#745D43 }
```

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

Here you see how a box with a 4 pixel #745D43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745D43; -webkit-box-shadow:4px 4px  
4px 4px #745D43; box-shadow:4px 4px 4px  
4px #745D43 }
```

# Background

The CSS property to change the background color of an element to Decimal 7626051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745D43 }
```

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

```
.background{ background-color:#745D43 }
```

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