

# Converting Colors

Decimal(7495263)

Have a look what the booklet for  
Decimal(7495263) contains.

<b>Decimal(7495263)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(7495263)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	725E5F
RGB	114, 94, 95
RGB Percent	45%, 37%, 37%
CMY	0.5529, 0.6314, 0.6275
CMYK	0.00, 0.18, 0.17, 0.55
HSL	357°, 10%, 41%
HSV	357°, 18%, 45%
XYZ	13.0077, 12.4090, 12.5361
YIQ	100.0940, 11.5990, 4.5510

# Conversions

## Conversions Part 2

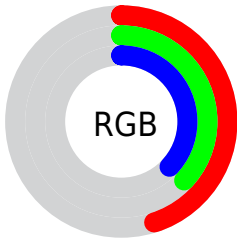
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 94, 95</a>
Decimal	<a href="#">7495263</a>
CIELab	<a href="#">41.86, 8.27, 2.46</a>
CIELCh	<a href="#">42, 8.632, 16.560</a>
Yxy	<a href="#">12.4090, 0.3427, 0.3270</a>
Android (android.graphics.Color)	<a href="#">4285685343</a> ( <a href="#">0xFF725E5F</a> )
YUV	<a href="#">100.0940, -2.5113, 12.1956</a>
Hunter-Lab	<a href="#">35.2265, 4.2664, 3.5589</a>

# Details

The Decimal color **7495263** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6189681**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **10915985**, and **4337713** is the 20% darker color. If you saturate the color by 10%, you get **7492436**, and if you desaturate by 10%, it is **7498090**.

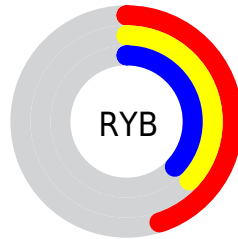
# Distribution



Red (45%)

Green (37%)

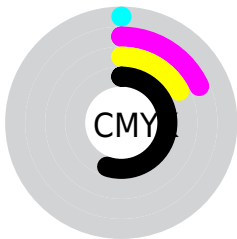
Blue (37%)



Red (45%)

Yellow (37%)

Blue (37%)

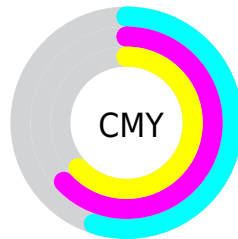


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (55%)



Cyan (55%)

Magenta (63%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7495263 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 7495263 by changing the saturation by 10% instead.





7495263



7495263

16777215



5850695



10915985



4337713



12692396



2824988



14534343



1638401



16442083



0



7495263



7495263



7492436



7498090



7489353



7501173



7486527



7503999

■ 7483444

■ 7507082

■ 7480617

■ 7509909

■ 7477790

■ 7512736

■ 7474707

■ 7515819

■ 7471880

■ 7518646

■ 7471110

■ 7521728

# Harmonies

## Analogous

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



7298662



7495263



7429977

# Triad

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



7495263



6055513



5792880

# Complementary

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



7495263



6189681

# 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.



5400173



7495263



5597023

# Square

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



7495263



6579285



5334887



6316656

# Rectangle

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



7495263



7233622



5334887



5596528



# Sweetspot

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



7495263



9735565



7429746



4867654



13224393



4868682



# Same Dimension

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



7495263



9729398



7497566



3682867



7864326



16187404



# Inverse Universe

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



7495263



9729398



6187378



3682867



7864326

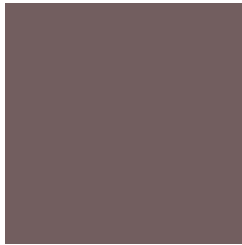


16187404



# Previews

## White Background



This preview shows how the Decimal color 7495263 looks on a white background.

## Color Contrast Check

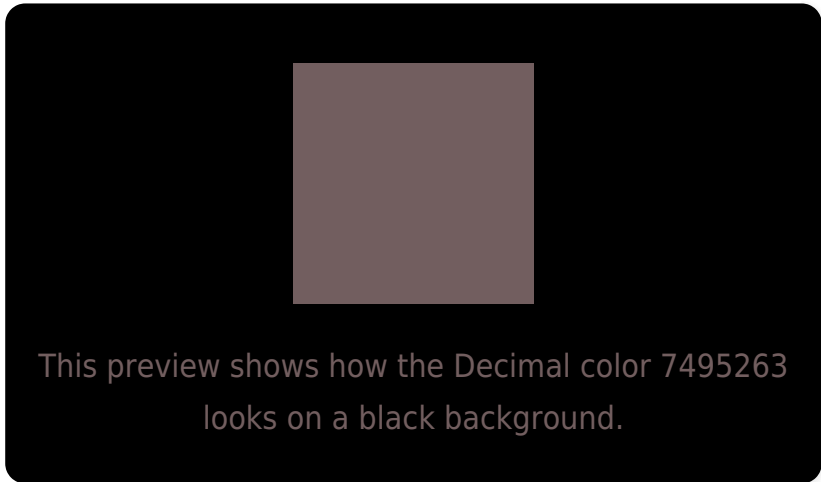
Large Text (above 18pt) WCAG AA ✓ Pass

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

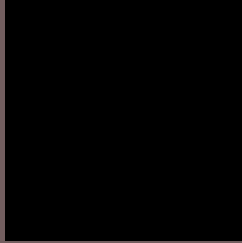
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7495263 Background



This preview shows how black text looks on a background with the Decimal color 7495263.



This preview shows how white text looks on a background with the Decimal color 7495263.

# 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**


7495263

**Protanopia**

6644321

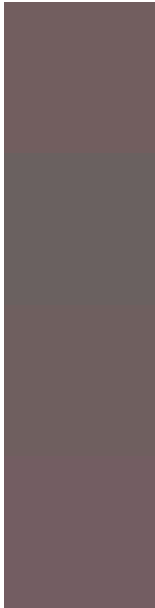
**Deuteranopia**

7233631



**Tritanopia**  
7560548

# Trichromacy



**Original Color**

7495263

**Protanomaly**

6971744

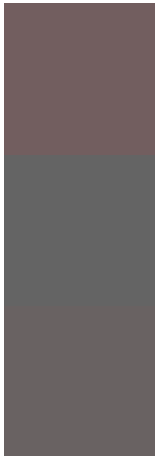
**Deuteranomaly**

7298911

**Tritanomaly**

7560546

# Monochromacy



**Original Color**

7495263

**Achromatopsia**

6579300

**Achromatomaly**

6906466

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7495263 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 #725E5F looks like.

```
.text, #text, p{  
  color:#725E5F  
}
```

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 #725E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725E5F
}
```

## Border

The CSS property to change the border of an element to Decimal 7495263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

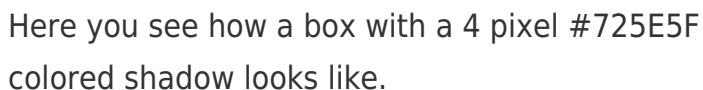
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#725E5F }
```

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

```
.border{ border-color:#725E5F }
```

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



Here you see how a box with a 4 pixel #725E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725E5F; -webkit-box-shadow:4px 4px  
4px 4px #725E5F; box-shadow:4px 4px 4px  
4px #725E5F }
```

# Background

The CSS property to change the background color of an element to Decimal 7495263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725E5F }
```

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

```
.background{ background-color:#725E5F }
```

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