

# Converting Colors

Decimal(7947640)

Have a look what the booklet for  
Decimal(7947640) contains.

<b>Decimal(7947640)</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(7947640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794578
RGB	121, 69, 120
RGB Percent	47%, 27%, 47%
CMY	0.5255, 0.7294, 0.5294
CMYK	0.00, 0.43, 0.01, 0.53
HSL	301°, 27%, 37%
HSV	301°, 43%, 47%
XYZ	13.4034, 9.6773, 18.9308
YIQ	90.3620, 14.6210, 26.8850

# Conversions

## Conversions Part 2

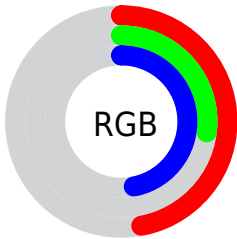
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 69, 120
Decimal	7947640
CIE Lab	37.26, 30.70, -19.80
CIE LCh	37, 36.532, 327.173
Yxy	9.6773, 0.3190, 0.2303
Android (android.graphics.Color)	4286137720 (0xFF794578)
YUV	90.3620, 14.6115, 26.8695
Hunter-Lab	31.1083, 22.4697, -14.3048

# Details

The Decimal color **7947640** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4553030**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **11433900**, and **4658759** is the 20% darker color. If you saturate the color by 10%, you get **7944568**, and if you desaturate by 10%, it is **7950712**.

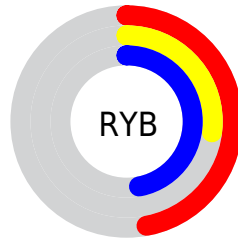
# Distribution



Red (47%)

Green (27%)

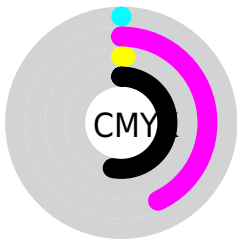
Blue (47%)



Red (47%)

Yellow (27%)

Blue (47%)

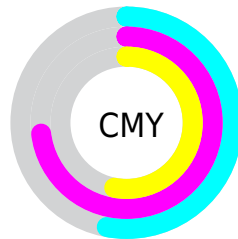


Cyan (0%)

Magenta (43%)

Yellow (1%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7947640 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 7947640 by changing the saturation by 10% instead.



■ 7947640

■ 7947640

16777215

■ 6237535

■ 11433900

■ 4658759

■ 13275592

■ 3080241

■ 15183076

■ 1638428

■ 16762879

■ 0

■ 16770303

■ 7947640

■ 7947640

■ 7944568

■ 7950712

■ 7941496

■ 7953784

7938423

7956857

7935351

7959929

7932023

7963001

7929975

7966329

7969402

7972474

7975546

# Harmonies

## Analogous

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



5525900



7947640



9125468

# Triad

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



7947640



6968601



26226

# Complementary

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



7947640



4553030

# 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.



26196



7947640



5070368

# Square

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



7947640



8473126



2515766



25481

# Rectangle

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



7947640



9322056



2515766



26216



# Sweetspot

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



7947640



10390174



4605305



5194319



13619151



5197647



# Same Dimension

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



7947640



10374301



7947614



4011837



8192123



16515320



# Inverse Universe

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



7947640



10374301



4553056



4011837



8192123

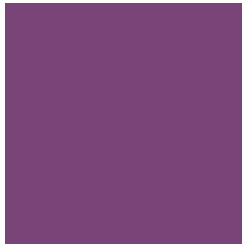


16515320



# Previews

## White Background



This preview shows how the Decimal color 7947640 looks on a white background.

## Color Contrast Check

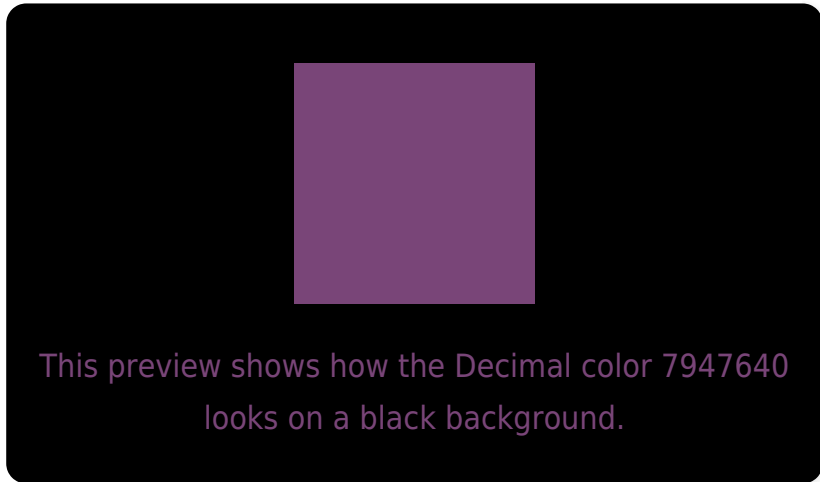
Large Text (above 18pt) WCAG AA ✓ Pass

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

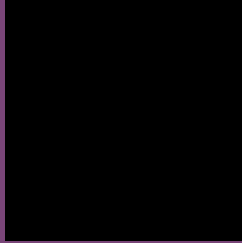
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7947640 Background



This preview shows how black text looks on a background with the Decimal color 7947640.




This preview shows how white text looks on a background with the Decimal color 7947640.

# 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





**Tritanopia**  
7621971

# Trichromacy



**Original Color**  
7947640

**Protanomaly**  
5853313

**Deuteranomaly**  
6312054

**Tritanomaly**  
7752288

# Monochromacy



**Original Color**  
7947640

**Achromatopsia**  
5921370

**Achromatomaly**  
6640229

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7947640 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 #794578 looks like.

```
.text, #text, p{  
    color:#794578  
}
```

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 #794578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794578
}
```

## Border

The CSS property to change the border of an element to Decimal 7947640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

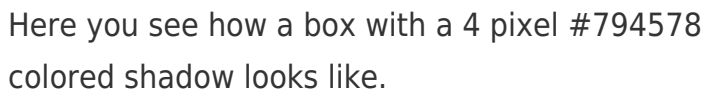
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794578 }
```

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

```
.border{ border-color:#794578 }
```

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



Here you see how a box with a 4 pixel #794578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794578; -webkit-box-shadow:4px 4px  
4px 4px #794578; box-shadow:4px 4px 4px  
4px #794578 }
```

# Background

The CSS property to change the background color of an element to Decimal 7947640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794578 }
```

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

```
.background{ background-color:#794578 }
```

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