

# Converting Colors

Decimal(8213104)

Have a look what the booklet for  
Decimal(8213104) contains.

<b>Decimal(8213104)</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(8213104)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D5270
RGB	125, 82, 112
RGB Percent	49%, 32%, 44%
CMY	0.5098, 0.6784, 0.5608
CMYK	0.00, 0.34, 0.10, 0.51
HSL	318°, 21%, 41%
HSV	318°, 34%, 49%
XYZ	14.3994, 11.5644, 16.8025
YIQ	98.2770, 15.9980, 18.4460

# Conversions

## Conversions Part 2

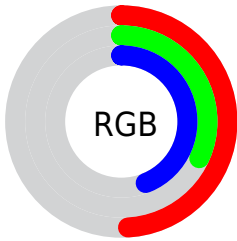
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 82, 112
Decimal	8213104
CIE <sub>Lab</sub>	40.52, 22.95, -9.84
CIE <sub>LCh</sub>	41, 24.965, 336.798
Yxy	11.5644, 0.3367, 0.2704
Android (android.graphics.Color)	4286403184 (0xFF7D5270)
<b>YUV</b>	98.2770, 6.7654, 23.4361
Hunter-Lab	34.0065, 16.0709, -5.4904

# Details

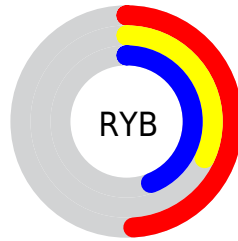
The Decimal color **8213104** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5406047**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **11699364**, and **4924480** is the 20% darker color. If you saturate the color by 10%, you get **8210028**, and if you desaturate by 10%, it is **8216436**.

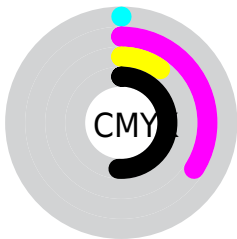
# Distribution



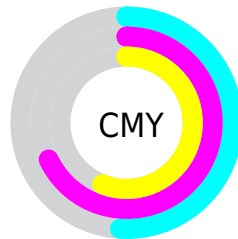
- Red (49%)
- Green (32%)
- Blue (44%)



- Red (49%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8213104 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 8213104 by changing the saturation by 10% instead.





8213104



8213104

16777215



6568536



11699364



4924480



13541055



3345962



15448795



2162710



16766455



0



16773887



8213104



8213104



8210028



8216436



8206696



8219512

8203621

8222843

8200289

8225919

8197213

8229251

8193881

8232327

8192087

8235658

8238734

8242066

# Harmonies

## Analogous

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



6838400



8213104



8867932

# Triad

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



8213104



6840374



354679

# Complementary

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



8213104



5406047

# 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.



1862244



8213104



5399870

# Square

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



8213104



8018234



3762511



2451077

# Rectangle

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



8213104



8868174



3762511



486001



# Sweetspot

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



8213104



10720158



6247037



5392463



13750737



5395026



# Same Dimension

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



8213104



10707087



8213083



4208958



8388697



0



# Inverse Universe

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



8213104



10707087



5406068



4208958



8388697

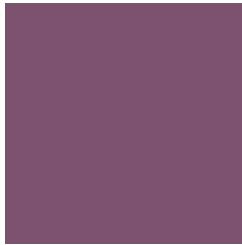


0



# Previews

## White Background



This preview shows how the Decimal color 8213104 looks on a white background.

## Color Contrast Check

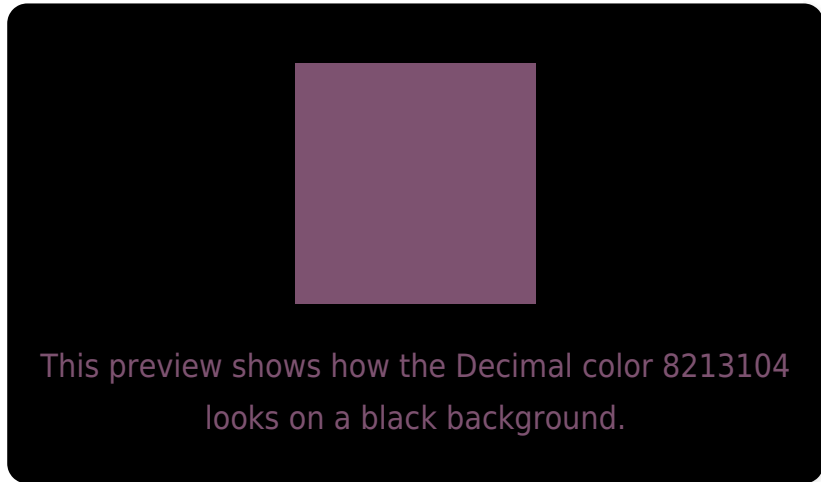
Large Text (above 18pt) WCAG AA ✓ Pass

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

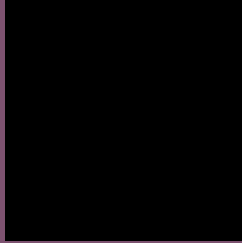
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8213104 Background



This preview shows how black text looks on a background with the Decimal color 8213104.



This preview shows how white text looks on a background with the Decimal color 8213104.

# 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**  
8213104

**Protanopia**  
5857145

**Deuteranopia**  
6446446



**Tritanopia**  
8083036

# Trichromacy



**Original Color**

8213104

**Protanomaly**

6707830

**Deuteranomaly**

7100783

**Tritanomaly**

8148323

# Monochromacy



**Original Color**

8213104

**Achromatopsia**

6447714

**Achromatomaly**

7101543

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8213104 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 #7D5270 looks like.

```
.text, #text, p{  
    color:#7D5270  
}
```

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 #7D5270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5270
}
```

## Border

The CSS property to change the border of an element to Decimal 8213104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

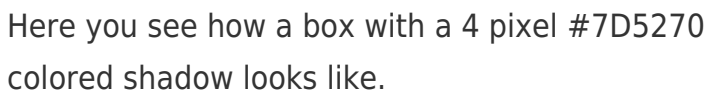
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5270 }
```

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

```
.border{ border-color:#7D5270 }
```

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



Here you see how a box with a 4 pixel #7D5270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5270; -webkit-box-shadow:4px 4px  
4px 4px #7D5270; box-shadow:4px 4px 4px  
4px #7D5270 }
```

# Background

The CSS property to change the background color of an element to Decimal 8213104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5270 }
```

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

```
.background{ background-color:#7D5270 }
```

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