

# Converting Colors

Decimal(7028326)

Have a look what the booklet for  
Decimal(7028326) contains.

<b>Decimal(7028326)</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(7028326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B3E66
RGB	107, 62, 102
RGB Percent	42%, 24%, 40%
CMY	0.5804, 0.7569, 0.6000
CMYK	0.00, 0.42, 0.05, 0.58
HSL	307°, 27%, 33%
HSV	307°, 42%, 42%
XYZ	10.1843, 7.5304, 13.4871
YIQ	80.0150, 13.9800, 21.9800

# Conversions

## Conversions Part 2

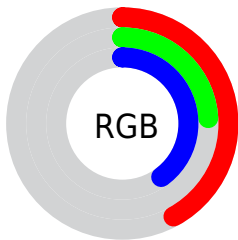
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 62, 102
Decimal	7028326
CIE <sub>Lab</sub>	32.99, 26.34, -15.24
CIE <sub>LCh</sub>	33, 30.433, 329.948
Yxy	7.5304, 0.3264, 0.2413
Android (android.graphics.Color)	4285218406 (0xFF6B3E66)
YUV	80.0150, 10.8386, 23.6658
Hunter-Lab	27.4415, 18.2237, -9.9311

# Details

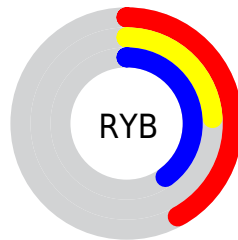
The Decimal color **7028326** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4090691**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **10448793**, and **3805239** is the 20% darker color. If you saturate the color by 10%, you get **7025509**, and if you desaturate by 10%, it is **7031143**.

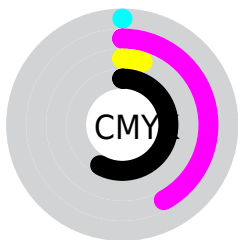
# Distribution



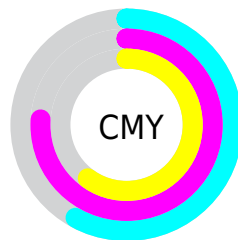
- Red (42%)
- Green (24%)
- Blue (40%)



- Red (42%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (5%)
- Black (58%)



- Cyan (58%)
- Magenta (76%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7028326 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 7028326 by changing the saturation by 10% instead.



7028326

7028326

16777215

5384014

10448793

3805239

12290484

2424866

14132175

8

15974124

0

16767743

16775167

7028326

7028326

7025509

7031143

7022948

7033704

7020130

7036522

7017313

7039339

7014496

7041900

7012447

7044717

7047534

7050352

7052913

# Harmonies

## Analogous

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



5195639



7028326



7944527

# Triad

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



7028326



5983260



22885

# Complementary

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



7028326



4090691

# 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.



23117



7028326



4412194

# Square

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



7028326



7226148



2381877



22135

# Rectangle

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



7028326



8010303



2381877



23133



# Sweetspot

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



7028326



9206410



4341355



4668486



13092807



4671303



# Same Dimension

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



7028326



9193092



7028304



3551285



7667816



16056538



# Inverse Universe

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



7028326



9193092



4090713



3551285



7667816

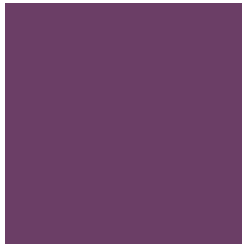


16056538



# Previews

## White Background



This preview shows how the Decimal color 7028326 looks on a white background.

## Color Contrast Check

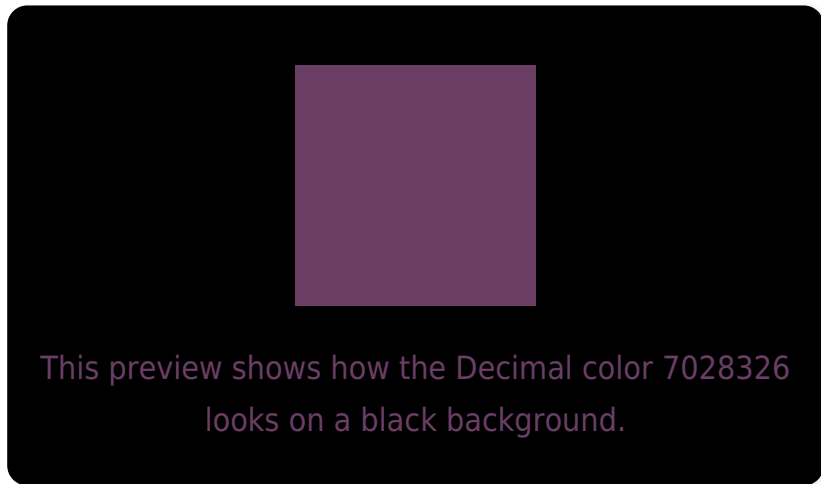
Large Text (above 18pt) WCAG AA ✓ Pass

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

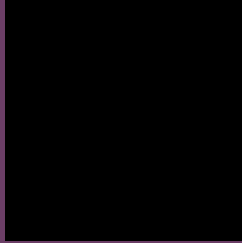
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7028326 Background



This preview shows how black text looks on a background with the Decimal color 7028326.



This preview shows how white text looks on a background with the Decimal color 7028326.

# 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**  
7028326

**Protanopia**  
4345201

**Deuteranopia**  
4869475



# Trichromacy



**Original Color**  
7028326

**Protanomaly**  
5326957

**Deuteranomaly**  
5654628

**Tritanomaly**  
6832724

# Monochromacy



**Original Color**  
7028326

**Achromatopsia**  
5263440

**Achromatomaly**  
5917016

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7028326 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 #6B3E66 looks like.

```
.text, #text, p{  
    color:#6B3E66  
}
```

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 #6B3E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3E66
}
```

## Border

The CSS property to change the border of an element to Decimal 7028326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

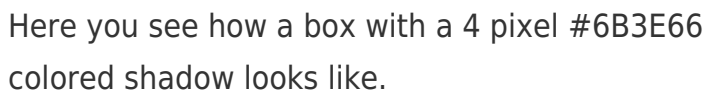
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3E66 }
```

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

```
.border{ border-color:#6B3E66 }
```

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



Here you see how a box with a 4 pixel #6B3E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3E66; -webkit-box-shadow:4px 4px  
4px 4px #6B3E66; box-shadow:4px 4px 4px  
4px #6B3E66 }
```

# Background

The CSS property to change the background color of an element to Decimal 7028326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3E66 }
```

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

```
.background{ background-color:#6B3E66 }
```

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