

# Converting Colors

Decimal(7094146)

Have a look what the booklet for  
Decimal(7094146) contains.

<b>Decimal(7094146)</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(7094146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C3F82
RGB	108, 63, 130
RGB Percent	42%, 25%, 51%
CMY	0.5765, 0.7529, 0.4902
CMYK	0.17, 0.52, 0.00, 0.49
HSL	280°, 35%, 38%
HSV	280°, 52%, 51%
XYZ	11.9911, 8.3549, 22.0997
YIQ	84.0930, 5.3130, 30.3770

# Conversions

## Conversions Part 2

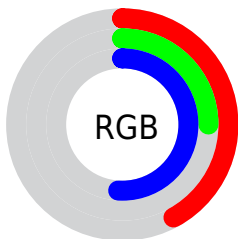
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 63, 130
Decimal	7094146
CIE <sub>Lab</sub>	34.71, 32.19, -30.10
CIE <sub>LCh</sub>	35, 44.071, 316.917
Yxy	8.3549, 0.2825, 0.1968
Android (android.graphics.Color)	4285284226 (0xFF6C3F82)
YUV	84.0930, 22.6322, 20.9664
Hunter-Lab	28.9048, 23.4671, -25.0980

# Details

The Decimal color **7094146** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5603903**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **10580151**, and **3805264** is the 20% darker color. If you saturate the color by 10%, you get **6828674**, and if you desaturate by 10%, it is **7359618**.

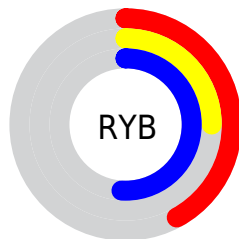
# Distribution



Red (42%)

Green (25%)

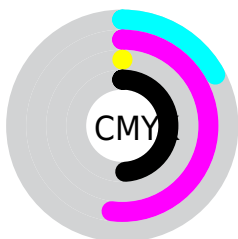
Blue (51%)



Red (42%)

Yellow (25%)

Blue (51%)

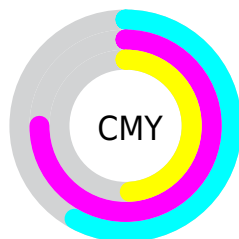


Cyan (17%)

Magenta (52%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (75%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7094146 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 7094146 by changing the saturation by 10% instead.



7094146

7094146

16777215

5449833

10580151

3805264

12421843

2293817

14263792

35

16171263

9

16768255

0

16775679

7094146

7094146

6828674

7359618

6497666

7690626

6232194

7956098

5966722

8221570

5701762

8487042

8818050

9083522

9348994

9614466

# Harmonies

## Analogous

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



3166101



7094146



8991075

# Triad

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



7094146



7293442



25189

# Complementary

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



7094146



5603903

# 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.



24897



7094146



5264896

# Square

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



7094146



8796959



2448670



24708

# Rectangle

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



7094146



9449035



2448670



25177



# Sweetspot

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



7094146



10522536



4150658



5195092



13948116



5526612



# Same Dimension

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



7094146



8798376



8535927



4077888



5636224



0



# Inverse Universe

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



8535893



11026530



4162122



4208955



8388650



0



# Previews

## White Background



This preview shows how the Decimal color 7094146 looks on a white background.

## Color Contrast Check

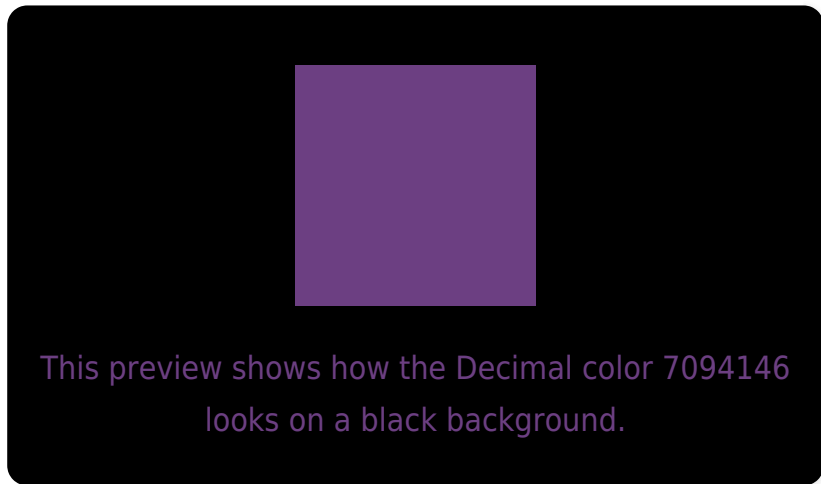
Large Text (above 18pt) WCAG AA ✓ Pass

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

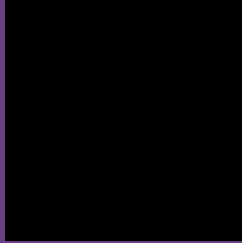
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7094146 Background



This preview shows how black text looks on a background with the Decimal color 7094146.



This preview shows how white text looks on a background with the Decimal color 7094146.

# 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**  
6572881

# Trichromacy



**Original Color**  
7094146

**Protanomaly**  
4737676

**Deuteranomaly**  
5065599

**Tritanomaly**  
6768483

# Monochromacy



**Original Color**  
7094146

**Achromatopsia**  
5526612

**Achromatomaly**  
6114405

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7094146 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 #6C3F82 looks like.

```
.text, #text, p{  
  color:#6C3F82  
}
```

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 #6C3F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3F82
}
```

## Border

The CSS property to change the border of an element to Decimal 7094146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

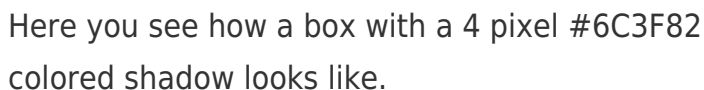
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3F82 }
```

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

```
.border{ border-color:#6C3F82 }
```

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



Here you see how a box with a 4 pixel #6C3F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3F82; -webkit-box-shadow:4px 4px  
4px 4px #6C3F82; box-shadow:4px 4px 4px  
4px #6C3F82 }
```

# Background

The CSS property to change the background color of an element to Decimal 7094146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3F82 }
```

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

```
.background{ background-color:#6C3F82 }
```

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