

# Converting Colors

Decimal(6900078)

Have a look what the booklet for  
Decimal(6900078) contains.

<b>Decimal(6900078)</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(6900078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69496E
RGB	105, 73, 110
RGB Percent	41%, 29%, 43%
CMY	0.5882, 0.7137, 0.5686
CMYK	0.05, 0.34, 0.00, 0.57
HSL	292°, 20%, 36%
HSV	292°, 34%, 43%
XYZ	11.0227, 8.8941, 15.8876
YIQ	86.7860, 7.1950, 18.2910

# Conversions

## Conversions Part 2

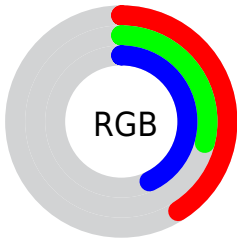
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 73, 110
Decimal	6900078
CIELab	35.78, 20.64, -16.02
CIELCh	36, 26.127, 322.190
Yxy	8.8941, 0.3079, 0.2484
Android (android.graphics.Color)	4285090158 (0xFF69496E)
YUV	86.7860, 11.4445, 15.9737
Hunter-Lab	29.8230, 13.7840, -10.7094

# Details

The Decimal color **6900078** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5140041**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **10320546**, and **3742782** is the 20% darker color. If you saturate the color by 10%, you get **6831726**, and if you desaturate by 10%, it is **6968430**.

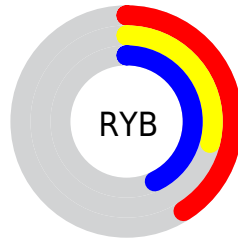
# Distribution



 Red (41%)

 Green (29%)

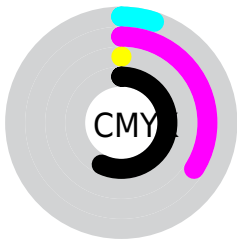
 Blue (43%)



 Red (41%)

 Yellow (29%)

 Blue (43%)

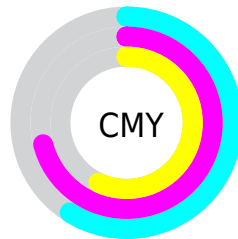


 Cyan (5%)

 Magenta (34%)

 Yellow (0%)

 Black (57%)



 Cyan (59%)

 Magenta (71%)

 Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6900078 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 6900078 by changing the saturation by 10% instead.



6900078

6900078

16777215

5255766

10320546

3742782

12096701

2295336

13938649

19

15780597

0

16771071

6900078

6900078

6831726

6968430

6697838

7102318

6629486

7170670

6495598

7304558

6427246

7372910

6293358

7506798

6226030

7575150

7709038

7777390

# Harmonies

## Analogous

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



5132667



6900078



7947355

# Triad

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



6900078



6705450



24419

# Complementary

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



6900078



5140041

# 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.



1662798



6900078



5396524

# Square

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



6900078



7686708



3759162



23925

# Rectangle

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



690078



8143692



3759162



24412



# Sweetspot

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



6900078



9273743



4804462



4603719



13092807



4671303



# Same Dimension

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



6900078



8869519



7227745



3617336



6815864



14024951



# Inverse Universe

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



7227726



9393757



4812374



3682867



7864336

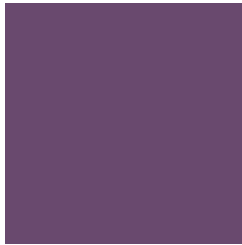


16187425



# Previews

## White Background



This preview shows how the Decimal color 6900078 looks on a white background.

## Color Contrast Check

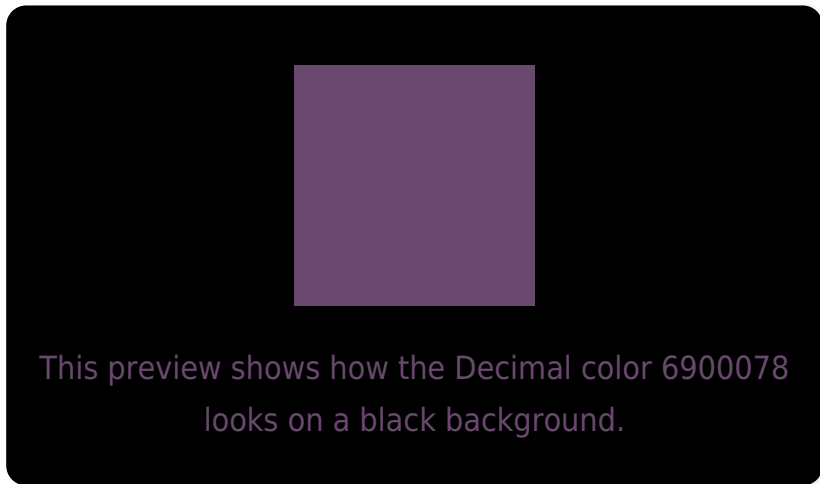
Large Text (above 18pt) WCAG AA ✓ Pass

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

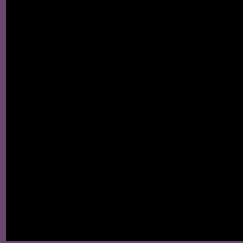
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6900078 Background



This preview shows how black text looks on a background with the Decimal color 6900078.

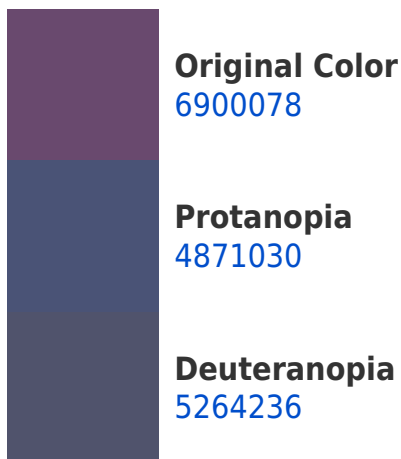



This preview shows how white text looks on a background with the Decimal color 6900078.

# 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**  
6639188

# Trichromacy



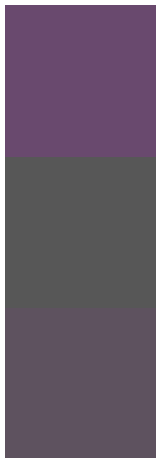
**Original Color**  
6900078

**Protanomaly**  
5590899

**Deuteranomaly**  
5853037

**Tritanomaly**  
6704221

# Monochromacy



**Original Color**  
6900078

**Achromatopsia**  
5723991

**Achromatomaly**  
6181471

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6900078 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 #69496E looks like.

```
.text, #text, p{  
    color:#69496E  
}
```

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 #69496E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69496E
}
```

## Border

The CSS property to change the border of an element to Decimal 6900078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

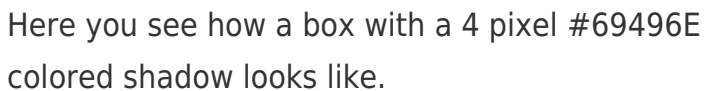
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#69496E }
```

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

```
.border{ border-color:#69496E }
```

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



Here you see how a box with a 4 pixel #69496E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69496E; -webkit-box-shadow:4px 4px  
4px 4px #69496E; box-shadow:4px 4px 4px  
4px #69496E }
```

# Background

The CSS property to change the background color of an element to Decimal 6900078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69496E }
```

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

```
.background{ background-color:#69496E }
```

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