

# Converting Colors

Decimal(7037343)

Have a look what the booklet for  
Decimal(7037343) contains.

<b>Decimal(7037343)</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(7037343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B619F
RGB	107, 97, 159
RGB Percent	42%, 38%, 62%
CMY	0.5804, 0.6196, 0.3765
CMYK	0.33, 0.39, 0.00, 0.38
HSL	250°, 24%, 50%
HSV	250°, 39%, 62%
XYZ	16.5961, 14.1784, 34.6629
YIQ	107.0580, -13.9420, 21.4020

# Conversions

## Conversions Part 2

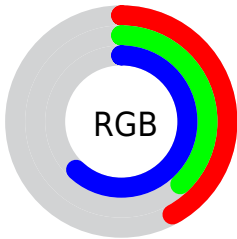
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 97, 159
Decimal	7037343
CIE <sub>Lab</sub>	44.49, 18.74, -32.27
CIE <sub>LCh</sub>	44, 37.320, 300.144
Yxy	14.1784, 0.2536, 0.2167
Android (android.graphics.Color)	4285227423 (0xFF6B619F)
YUV	107.0580, 25.6074, -0.0509
Hunter-Lab	37.6542, 12.7791, -28.2219

# Details

The Decimal color **7037343** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9805665**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **10523862**, and **3748715** is the 20% darker color. If you saturate the color by 10%, you get **6181279**, and if you desaturate by 10%, it is **7893407**.

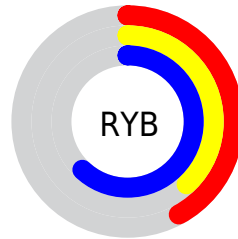
# Distribution



Red (42%)

Green (38%)

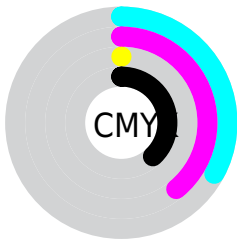
Blue (62%)



Red (42%)

Yellow (38%)

Blue (62%)

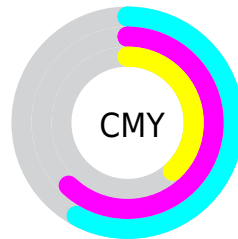


Cyan (33%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (62%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7037343 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 7037343 by changing the saturation by 10% instead.



■ 7037343

■ 7037343

16777215

■ 5392773

■ 10523862

■ 3748715

■ 12365555

■ 2104659

■ 14207743

■ 329531

■ 16115455

■ 549

■ 269

■ 0

■ 7037343

■ 7037343

■ 6181279

■ 7893407

■ 5259679

■ 8815007

■ 4403615

■ 9671071

■ 3547551

■ 10527135

■ 2625951

■ 11448735

■ 1770143

■ 12304543

■ 1704095

■ 13160607

■ 14082207

■ 14938271

# Harmonies

## Analogous

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



2976935



7037343



9393545

# Triad

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



7037343



9657396



31080

# Complementary

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



7037343



9805665

# 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.



3372617



7037343



8087593

# Square

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



7037343



10637900



6058289



30855

# Rectangle

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



7037343



10309749



6058289



30814



# Sweetspot

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



7037343



12236495



6395551



6052457



15263976



6908265



# Same Dimension

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



7037343



8220111



9003423



4736847



1507471



131087



# Inverse Universe

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



10445205



13594047



7839585



5195598



9371768



983053



# Previews

## White Background



This preview shows how the Decimal color 7037343 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



This preview shows how the Decimal color 7037343 looks on a 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 7037343 Background



This preview shows how black text looks on a background with the Decimal color 7037343.

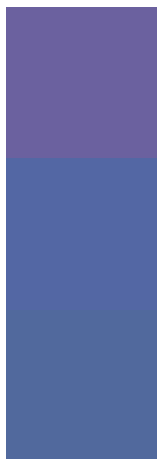


This preview shows how white text looks on a background with the Decimal color 7037343.

# 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](#).

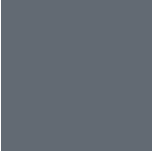
## Dichromacy



**Original Color**  
7037343

**Protanopia**  
5466020

**Deuteranopia**  
5335453



**Tritanopia**  
6449779

# Trichromacy



**Original Color**  
7037343

**Protanomaly**  
6055330

**Deuteranomaly**  
5924510

**Tritanomaly**  
6645635

# Monochromacy



**Original Color**  
7037343

**Achromatopsia**  
7039851

**Achromatomaly**  
7038846

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7037343 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 #6B619F looks like.

```
.text, #text, p{  
  color:#6B619F  
}
```

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 #6B619F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B619F
}
```

## Border

The CSS property to change the border of an element to Decimal 7037343 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
#6B619F }
```

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

```
.border{ border-color:#6B619F }
```

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

Here you see how a box with a 4 pixel #6B619F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B619F; -webkit-box-shadow:4px 4px  
4px 4px #6B619F; box-shadow:4px 4px 4px  
4px #6B619F }
```

# Background

The CSS property to change the background color of an element to Decimal 7037343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B619F }
```

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

```
.background{ background-color:#6B619F }
```

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](#).



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