

Converting Colors

Decimal(6836339)

Have a look what the booklet for
Decimal(6836339) contains.

Decimal(6836339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6836339)

Conversions

Conversions Part 1

Format	Color
Hex	685073
RGB	104, 80, 115
RGB Percent	41%, 31%, 45%
CMY	0.5922, 0.6863, 0.5490
CMYK	0.10, 0.30, 0.00, 0.55
HSL	281°, 18%, 38%
HSV	281°, 30%, 45%
XYZ	11.6721, 9.9182, 17.5189
YIQ	91.1660, 3.0690, 15.9730

Conversions

Conversions Part 2

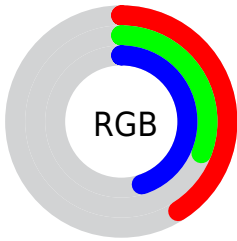
Format	Color
R_{YB}	104, 80, 115
Decimal	6836339
CIE _{Lab}	37.70, 17.08, -16.20
CIE _{LCh}	38, 23.543, 316.516
Yxy	9.9182, 0.2984, 0.2536
Android (android.graphics.Color)	4285026419 (0xFF685073)
YUV	91.1660, 11.7502, 11.2554
Hunter-Lab	31.4931, 11.0432, -10.9364

Details

The Decimal color **6836339** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5993296**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **10256807**, and **3679043** is the 20% darker color. If you saturate the color by 10%, you get **6571123**, and if you desaturate by 10%, it is **7101555**.

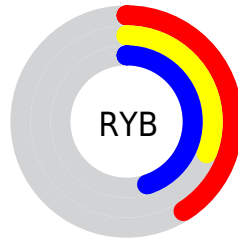
Distribution



Red (41%)

Green (31%)

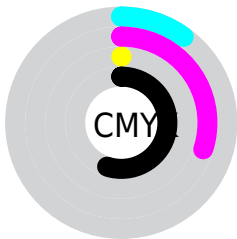
Blue (45%)



Red (41%)

Yellow (31%)

Blue (45%)

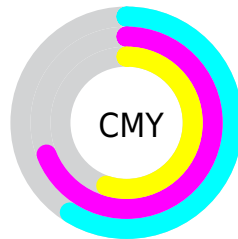


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (55%)



Cyan (59%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6836339 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 6836339 by changing the saturation by 10% instead.

6836339

6836339

16777215

5257562

10256807

3679043

12033218

2231852

13809630

327704

15717115

0

16773119

6836339

6836339

6571123

7101555

6371699

7300979

6106483

7565939

5907059

7765619

5641843

8030835

5376883

8295795

5177459

8495475

8760435

9025651

Harmonies

Analogous

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



5134205



6836339



7883618

Triad

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



6836339



7165236



1139555

Complementary

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



6836339



5993296

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.



2974287



6836339



5987124

Square

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



6836339



7949886



4546622



811380

Rectangle

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



6836339



8211029



4546622



1794908

Sweetspot

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



6836339



9603478



5266291



4867149



13421772



5066061

Same Dimension

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



6836339



8740758



7557229



3749179



5505146



11206906

Inverse Universe

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



7557211



9854832



5272406



3880247



7995430



16384079

Previews

White Background



This preview shows how the Decimal color 6836339 looks on a white background.

Color Contrast Check

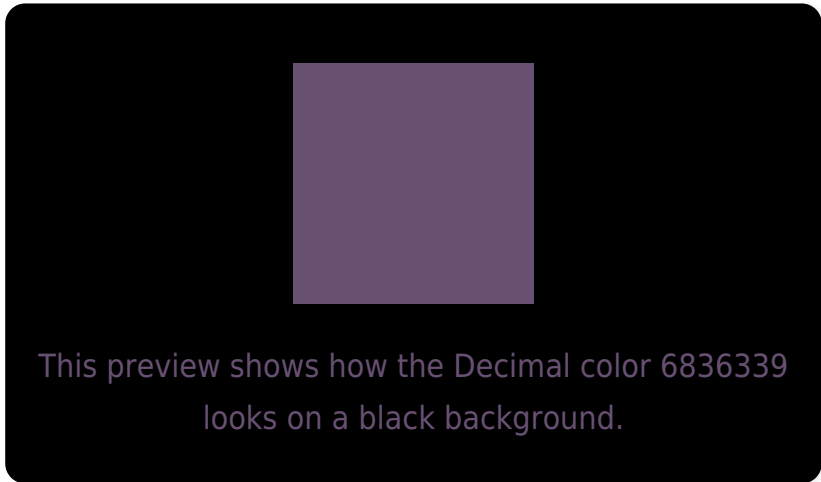
Large Text (above 18pt) WCAG AA ✓ Pass

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

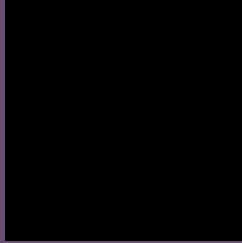
Any Text WCAG AA × Fail

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 6836339 Background



This preview shows how black text looks on a background with the Decimal color 6836339.



This preview shows how white text looks on a background with the Decimal color 6836339.

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
6836339

Protanopia
5199993

Deuteranopia
5592946



Tritanopia
6575451

Trichromacy



Original Color
6836339

Protanomaly
5789047

Deuteranomaly
6050930

Tritanomaly
6640484

Monochromacy



Original Color
6836339

Achromatopsia
5987163

Achromatomaly
6313828

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6836339 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 #685073 looks like.

```
.text, #text, p{  
    color:#685073  
}
```

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 #685073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685073
}
```

Border

The CSS property to change the border of an element to Decimal 6836339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

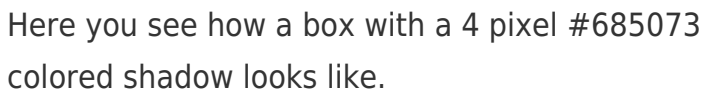
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685073 }
```

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

```
.border{ border-color:#685073 }
```

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



Here you see how a box with a 4 pixel #685073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685073; -webkit-box-shadow:4px 4px  
4px 4px #685073; box-shadow:4px 4px 4px  
4px #685073 }
```

Background

The CSS property to change the background color of an element to Decimal 6836339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685073 }
```

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

```
.background{ background-color:#685073 }
```

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