

Converting Colors

Decimal(6699902)

Have a look what the booklet for
Decimal(6699902) contains.

| | |
|--|----|
| Decimal(6699902) | 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(6699902)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 663B7E |
| RGB | 102, 59, 126 |
| RGB Percent | 40%, 23%, 49% |
| CMY | 0.6000, 0.7686, 0.5059 |
| CMYK | 0.19, 0.53, 0.00, 0.51 |
| HSL | 279°, 36%, 36% |
| HSV | 279°, 53%, 49% |
| XYZ | 10.8093, 7.4591, 20.6087 |
| YIQ | 79.4950, 4.1210, 29.9530 |

Conversions

Conversions Part 2

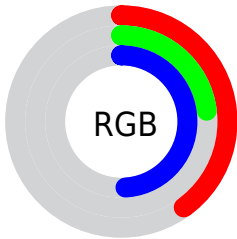
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 102, 59, 126 |
| Decimal | 6699902 |
| CIE _{Lab} | 32.83, 31.77, -30.64 |
| CIE _{LCh} | 33, 44.141, 316.038 |
| Yxy | 7.4591, 0.2780, 0.1919 |
| Android (android.graphics.Color) | 4284889982 (0xFF663B7E) |
| YUV | 79.4950, 22.9270, 19.7369 |
| Hunter-Lab | 27.3113, 22.8525, -25.6214 |

Details

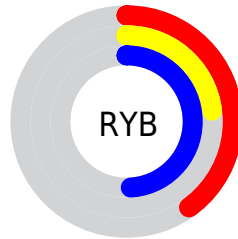
The Decimal color **6699902** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5471803**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **10185907**, and **3411020** is the 20% darker color. If you saturate the color by 10%, you get **6368894**, and if you desaturate by 10%, it is **7030910**.

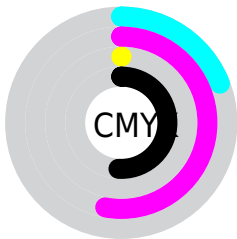
Distribution



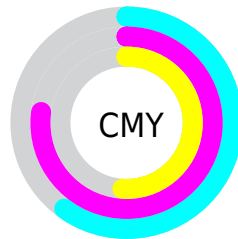
- Red (40%)
- Green (23%)
- Blue (49%)



- Red (40%)
- Yellow (23%)
- Blue (49%)



- Cyan (19%)
- Magenta (53%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (77%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6699902 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 6699902 by changing the saturation by 10% instead.

6699902

6699902

16777215

5055589

10185907

3411020

11962063

2031669

13803755

287

15711231

3

16766975

0

16774399

6699902

6699902

6368894

7030910

6103678

7296126

5772670

7627134

5507454

7892350

5308542

8223358

8488830

8819582

9085054

9415806

Harmonies

Analogous

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



2509713



6699902



8596575

Triad

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



6699902



7030272



23903

Complementary

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



6699902



5471803

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.



23611



6699902



5001472

Square

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



6699902



8467996



2185496



23679

Rectangle

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



6699902



9119816



2185496



23892

Sweetspot

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



6699902



10127779



3888254



4997714



13750737



5395026

Same Dimension

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



6699902



8272803



8272757



4012352



5374080



0

Inverse Universe

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



8272723



10697568



3898948



4208956



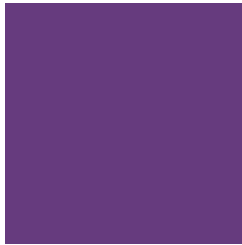
8388654



0

Previews

White Background



This preview shows how the Decimal color 6699902 looks on a white background.

Color Contrast Check

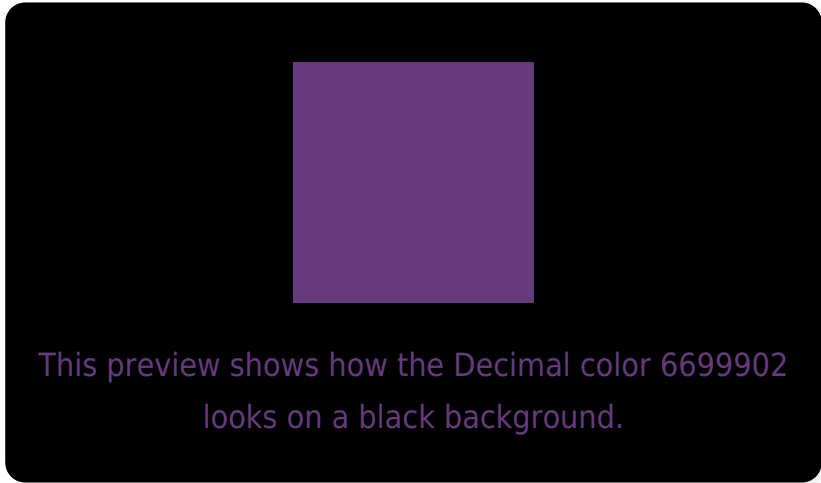
Large Text (above 18pt) WCAG AA ✓ Pass

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

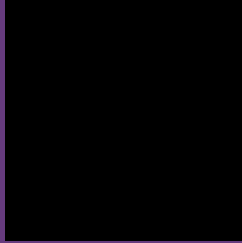
Any Text WCAG AA × Fail

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 6699902 Background



This preview shows how black text looks on a background with the Decimal color 6699902.



This preview shows how white text looks on a background with the Decimal color 6699902.

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
6178637

Trichromacy



Original Color
6699902

Protanomaly
4343176

Deuteranomaly
4671355

Tritanomaly
6374239

Monochromacy



Original Color
6699902

Achromatopsia
5197647

Achromatomaly
5720160

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6699902 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 #663B7E looks like.

```
.text, #text, p{  
    color:#663B7E  
}
```

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 #663B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663B7E
}
```

Border

The CSS property to change the border of an element to Decimal 6699902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

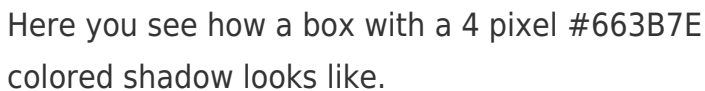
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663B7E }
```

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

```
.border{ border-color:#663B7E }
```

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



Here you see how a box with a 4 pixel #663B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663B7E; -webkit-box-shadow:4px 4px  
4px 4px #663B7E; box-shadow:4px 4px 4px  
4px #663B7E }
```

Background

The CSS property to change the background color of an element to Decimal 6699902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663B7E }
```

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

```
.background{ background-color:#663B7E }
```

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