

Converting Colors

Decimal(6697826)

Have a look what the booklet for
Decimal(6697826) contains.

Decimal(6697826)	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(6697826)

Conversions

Conversions Part 1

Format	Color
Hex	663362
RGB	102, 51, 98
RGB Percent	40%, 20%, 38%
CMY	0.6000, 0.8000, 0.6157
CMYK	0.00, 0.50, 0.04, 0.60
HSL	305°, 33%, 30%
HSV	305°, 50%, 40%
XYZ	8.8679, 6.0743, 12.2603
YIQ	71.6070, 15.3090, 25.4290

Conversions

Conversions Part 2

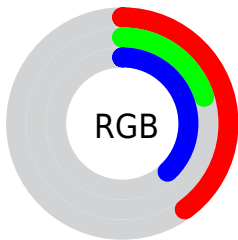
Format	Color
R_{YB}	102, 51, 98
Decimal	6697826
CIE _{Lab}	29.60, 30.23, -17.96
CIE _{LCh}	30, 35.161, 329.286
Yxy	6.0743, 0.3260, 0.2233
Android (android.graphics.Color)	4284887906 (0xFF663362)
YUV	71.6070, 13.0117, 26.6547
Hunter-Lab	24.6460, 21.0957, -12.2420

Details

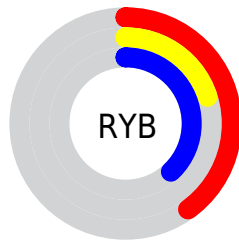
The Decimal color **6697826** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3368503**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **10118037**, and **3474227** is the 20% darker color. If you saturate the color by 10%, you get **6695265**, and if you desaturate by 10%, it is **6700387**.

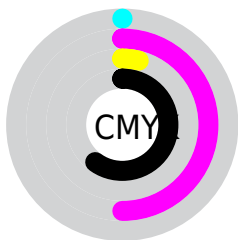
Distribution



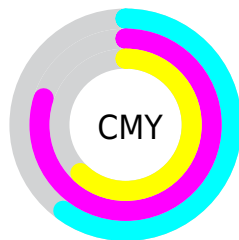
- Red (40%)
- Green (20%)
- Blue (38%)



- Red (40%)
- Yellow (20%)
- Blue (38%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6697826 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 6697826 by changing the saturation by 10% instead.

■ 6697826

■ 6697826

16777215

■ 5053514

■ 10118037

■ 3474227

■ 11959728

■ 2293791

■ 13801419

■ 0

■ 15643367

■ 16764671

■ 16772095

■ 6697826

■ 6697826

■ 6695265

■ 6700387

■ 6692704

■ 6702948

■ 6689888

■ 6705764

■ 6687327

■ 6708325

■ 6684766

■ 6710886

■ 6713447

■ 6716008

■ 6718824

■ 6721385

Harmonies

Analogous

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



4538229



6697826



7744584

Triad

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



6697826



5522441



21088

Complementary

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



6697826



3368503

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.



21316



6697826



3755026

Square

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



6697826



6896150



1003816



20596

Rectangle

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



6697826



7810357



1003816



21335

Sweetspot

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



6697826



8745347



3552102



4339265



12763842



4342338

Same Dimension

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



6697826



8729982



6697801



3354163



7536746



15859935

Inverse Universe

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



6697826



8729982



3368528



3354163



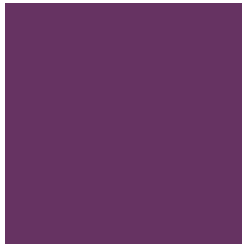
7536746



15859935

Previews

White Background



This preview shows how the Decimal color 6697826 looks on a white background.

Color Contrast Check

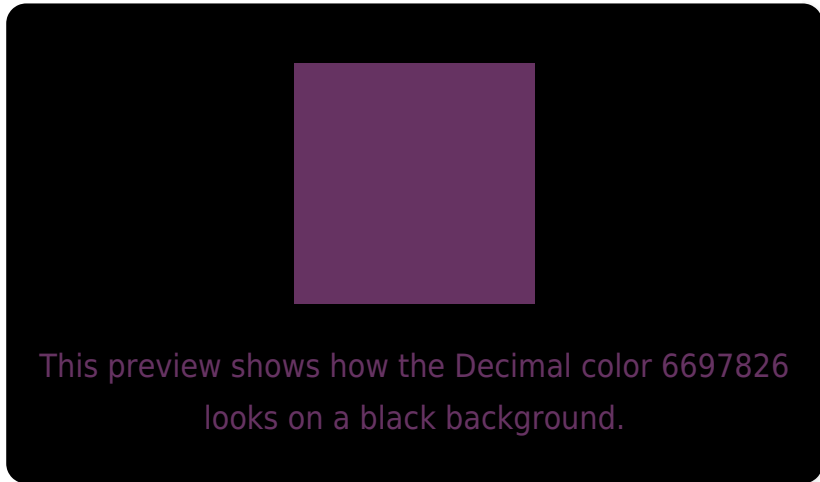
Large Text (above 18pt) WCAG AA ✓ Pass

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

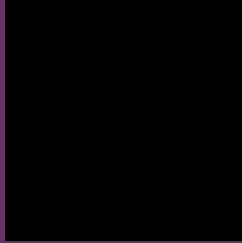
Any Text WCAG AA × Fail

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 6697826 Background



This preview shows how black text looks on a background with the Decimal color 6697826.



This preview shows how white text looks on a background with the Decimal color 6697826.

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
6697826

Protanopia
3491185

Deuteranopia
4146527



Tritanopia
6437696

Trichromacy



Original Color
6697826

Protanomaly
4669036

Deuteranomaly
5062240

Tritanomaly
6502476

Monochromacy



Original Color
6697826

Achromatopsia
4737096

Achromatomaly
5455953

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6697826 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 #663362 looks like.

```
.text, #text, p{  
  color:#663362  
}
```

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 #663362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663362
}
```

Border

The CSS property to change the border of an element to Decimal 6697826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

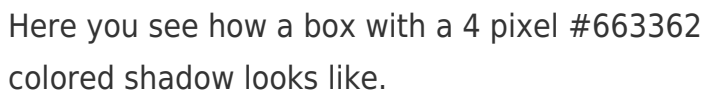
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663362 }
```

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

```
.border{ border-color:#663362 }
```

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



Here you see how a box with a 4 pixel #663362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663362; -webkit-box-shadow:4px 4px  
4px 4px #663362; box-shadow:4px 4px 4px  
4px #663362 }
```

Background

The CSS property to change the background color of an element to Decimal 6697826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663362 }
```

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

```
.background{ background-color:#663362 }
```

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