

Converting Colors

Decimal(6700373)

Have a look what the booklet for
Decimal(6700373) contains.

Decimal(6700373)	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(6700373)

Conversions

Conversions Part 1

Format	Color
Hex	663D55
RGB	102, 61, 85
RGB Percent	40%, 24%, 33%
CMY	0.6000, 0.7608, 0.6667
CMYK	0.00, 0.40, 0.17, 0.60
HSL	325°, 25%, 32%
HSV	325°, 40%, 40%
XYZ	8.7879, 6.8181, 9.4472
YIQ	75.9950, 16.7320, 16.1560

Conversions

Conversions Part 2

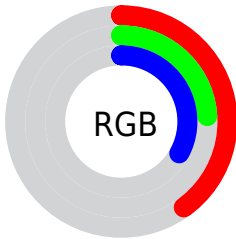
Format	Color
R_{YB}	102, 61, 85
Decimal	6700373
CIE _{Lab}	31.39, 21.83, -6.84
CIE _{LCh}	31, 22.873, 342.613
Yxy	6.8181, 0.3508, 0.2721
Android (android.graphics.Color)	4284890453 (0xFF663D55)
YUV	75.9950, 4.4395, 22.8064
Hunter-Lab	26.1116, 14.3794, -3.1731

Details

The Decimal color **6700373** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4023886**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **10120583**, and **3543336** is the 20% darker color. If you saturate the color by 10%, you get **6697809**, and if you desaturate by 10%, it is **6702937**.

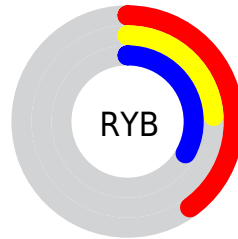
Distribution



Red (40%)

Green (24%)

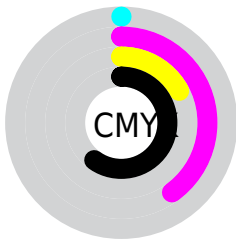
Blue (33%)



Red (40%)

Yellow (24%)

Blue (33%)

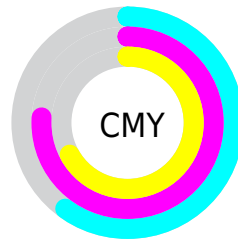


Cyan (0%)

Magenta (40%)

Yellow (17%)

Black (60%)



Cyan (60%)

Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6700373 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 6700373 by changing the saturation by 10% instead.

6700373

6700373

16777215

5056062

10120583

3543336

11896737

2293780

13738428

0

15580376

16767220

16774655

6700373

6700373

6697809

6702937

6695245

6705501

6692424

6708322

6689860

6710886

6687296

6713450

6684732

6716014

6718579

6721399

6723963

Harmonies

Analogous

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



5587556



6700373



7093315

Triad

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



6700373



5131046



21090

Complementary

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



6700373



4023886

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.



21329



6700373



3821615

Square

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



6700373



6178088



2249535



1658732

Rectangle

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



6700373



7028279



2249535



21341

Sweetspot

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



6700373



8746366



5061990



4340030



12763842



4342338

Same Dimension

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



6700373



8734058



6700353



3354161



7536707



15859854

Inverse Universe

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



6700373



8734058



4023906



3354161



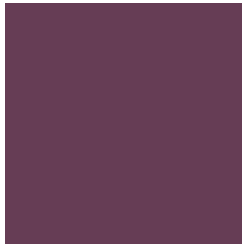
7536707



15859854

Previews

White Background



This preview shows how the Decimal color 6700373 looks on a white background.

Color Contrast Check

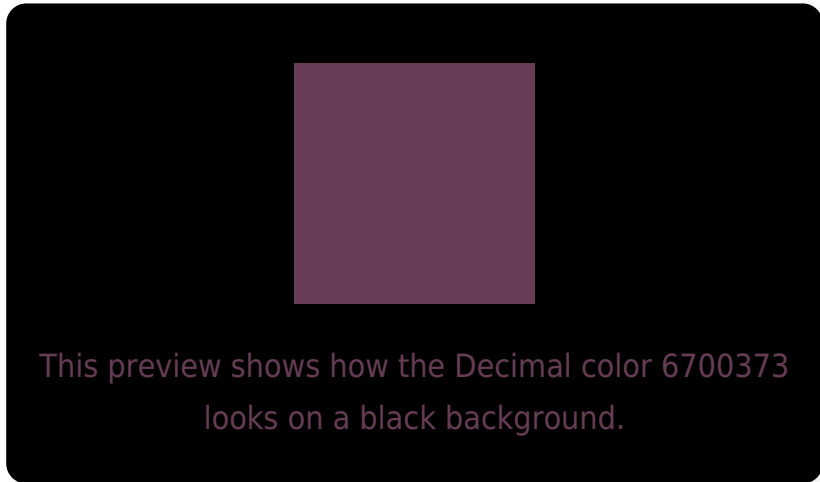
Large Text (above 18pt) WCAG AA ✓ Pass

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

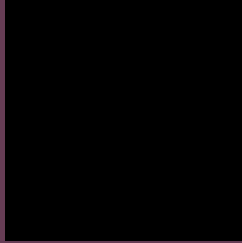
Any Text WCAG AA × Fail

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 6700373 Background



This preview shows how black text looks on a background with the Decimal color 6700373.

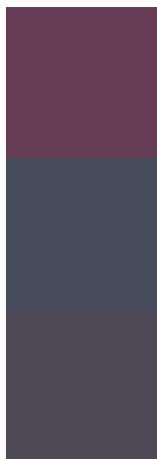


This preview shows how white text looks on a background with the Decimal color 6700373.

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
6700373

Protanopia
4541021

Deuteranopia
5064787



Tritanopia
6570053

Trichromacy



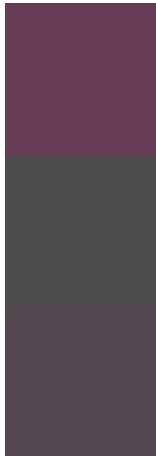
Original Color
6700373

Protanomaly
5326170

Deuteranomaly
5653588

Tritanomaly
6635339

Monochromacy



Original Color
6700373

Achromatopsia
5000268

Achromatomaly
5588815

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6700373 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 #663D55 looks like.

```
.text, #text, p{  
  color:#663D55  
}
```

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 #663D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663D55
}
```

Border

The CSS property to change the border of an element to Decimal 6700373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

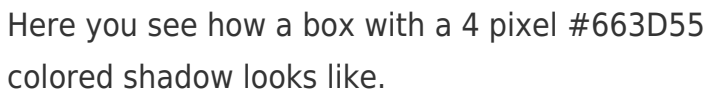
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663D55 }
```

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

```
.border{ border-color:#663D55 }
```

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



Here you see how a box with a 4 pixel #663D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663D55; -webkit-box-shadow:4px 4px  
4px 4px #663D55; box-shadow:4px 4px 4px  
4px #663D55 }
```

Background

The CSS property to change the background color of an element to Decimal 6700373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663D55 }
```

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

```
.background{ background-color:#663D55 }
```

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