

# Converting Colors

Decimal(6697780)

Have a look what the booklet for  
Decimal(6697780) contains.

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**Color**

**Decimal(6697780)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663334
RGB	102, 51, 52
RGB Percent	40%, 20%, 20%
CMY	0.6000, 0.8000, 0.7961
CMYK	0.00, 0.50, 0.49, 0.60
HSL	359°, 33%, 30%
HSV	359°, 50%, 40%
XYZ	7.2831, 5.4404, 3.9150
YIQ	66.3630, 30.0750, 11.1230

# Conversions

## Conversions Part 2

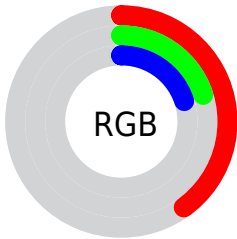
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 51, 52
Decimal	6697780
CIE Lab	27.95, 22.91, 9.77
CIE LCh	28, 24.910, 23.095
Yxy	5.4404, 0.4377, 0.3270
Android (android.graphics.Color)	4284887860 (0xFF663334)
YUV	66.3630, -7.0810, 31.2536
Hunter-Lab	23.3246, 14.9189, 6.3754

# Details

The Decimal color **6697780** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3368549**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **10183522**, and **3409414** is the 20% darker color. If you saturate the color by 10%, you get **6695210**, and if you desaturate by 10%, it is **6700350**.

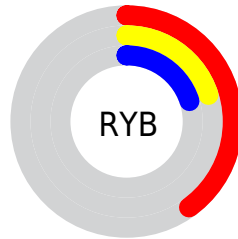
# Distribution



Red (40%)

Green (20%)

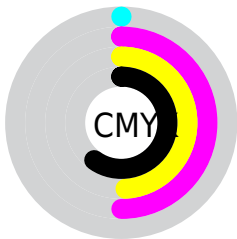
Blue (20%)



Red (40%)

Yellow (20%)

Blue (20%)

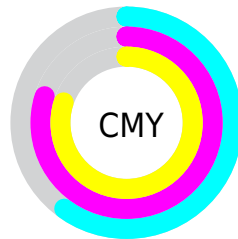


Cyan (0%)

Magenta (50%)

Yellow (49%)

Black (60%)



Cyan (60%)

Magenta (80%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6697780 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 6697780 by changing the saturation by 10% instead.



6697780

6697780

16777215

4988191

10183522

3409414

12024955

1769473

13866645

0

15774128

16764363

16771559

6697780

6697780

6695210

6700350

■ 6692640

■ 6702920

■ 6689814

■ 6705746

■ 6687244

■ 6708316

■ 6684674

■ 6710886

■ 6713456

■ 6716026

■ 6718852

■ 6721422

# Harmonies

## Analogous

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



6500935



6697780



6240292

# Triad

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



6697780



2640170



1328488

# Complementary

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



6697780



3368549

# 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.



19040



6697780



84797

# Square

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



6697780



4146461



19536



4013925

# Rectangle

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



6697780



5717277



19536



18278



# Sweetspot

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



6697780



8745329



6566758



4339255



12763842



4342338



# Same Dimension

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



6697780



8729911



6703923



3354158



7536642



15859717



# Inverse Universe

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



6697780



8729911



3362406



3354158



7536642



15859717



# Previews

## White Background



This preview shows how the Decimal color 6697780 looks on a white background.

## Color Contrast Check

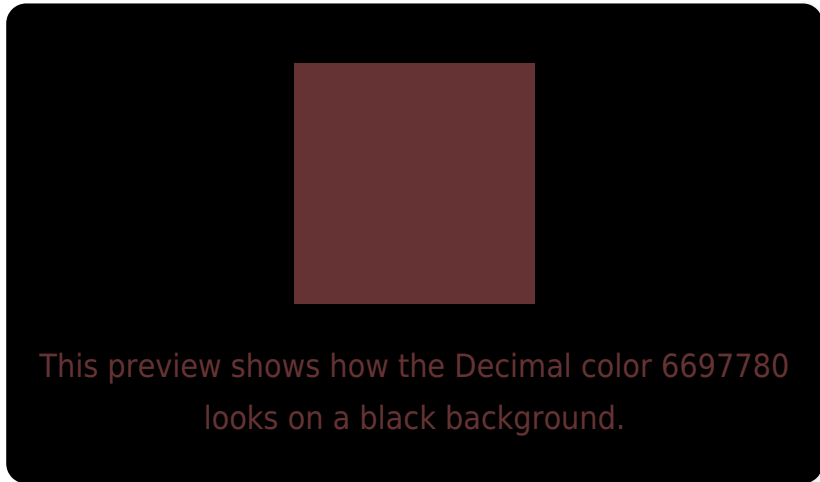
Large Text (above 18pt) WCAG AA ✓ Pass

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

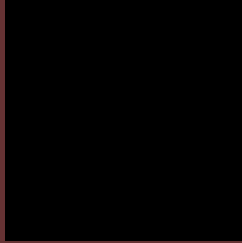
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6697780 Background



This preview shows how black text looks on a background with the Decimal color 6697780.



This preview shows how white text looks on a background with the Decimal color 6697780.

# 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



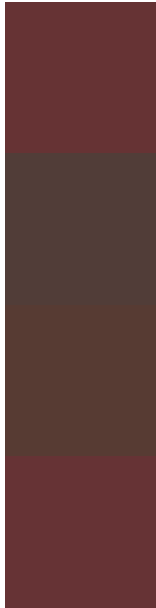
**Original Color**  
6697780

**Protanopia**  
4538939

**Deuteranopia**  
5193778



# Trichromacy



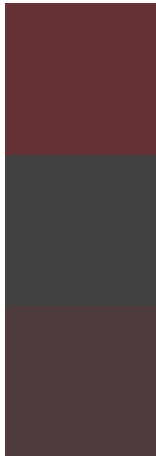
**Original Color**  
6697780

**Protanomaly**  
5324088

**Deuteranomaly**  
5716787

**Tritanomaly**  
6697781

# Monochromacy



**Original Color**  
6697780

**Achromatopsia**  
4342338

**Achromatomaly**  
5193021

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6697780 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 #663334 looks like.

```
.text, #text, p{  
    color:#663334  
}
```

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 #663334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663334
}
```

## Border

The CSS property to change the border of an element to Decimal 6697780 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".

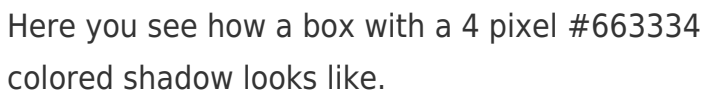
```
.border, #border, table{ border:4px solid
#663334 }
```

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

```
.border{ border-color:#663334 }
```

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

Here you see how a box with a 4 pixel #663334 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663334; -webkit-box-shadow:4px 4px  
4px 4px #663334; box-shadow:4px 4px 4px  
4px #663334 }
```

# Background

The CSS property to change the background color of an element to Decimal 6697780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663334 }
```

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

```
.background{ background-color:#663334 }
```

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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