

# Converting Colors

Decimal(6697993)

Have a look what the booklet for  
Decimal(6697993) contains.

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**Color**

**Decimal(6697993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	663409
RGB	102, 52, 9
RGB Percent	40%, 20%, 4%
CMY	0.6000, 0.7961, 0.9647
CMYK	0.00, 0.49, 0.91, 0.60
HSL	28°, 84%, 22%
HSV	28°, 91%, 40%
XYZ	6.7568, 5.3005, 0.9254
YIQ	62.0480, 43.6030, -2.7730

# Conversions

## Conversions Part 2

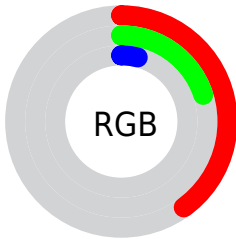
Format	Color
R <sub>Y</sub> B	102, 89, 9
Decimal	6697993
CIE Lab	27.57, 19.31, 34.31
CIE LCh	28, 39.365, 60.629
Yxy	5.3005, 0.5204, 0.4083
Android (android.graphics.Color)	4284888073 (0xFF663409)
YUV	62.0480, -26.1527, 35.0379
Hunter-Lab	23.0228, 12.0968, 13.7327

# Details

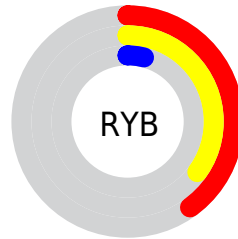
The Decimal color **6697993** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **605030**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **10380087**, and **3213568** is the 20% darker color. If you saturate the color by 10%, you get **6696704**, and if you desaturate by 10%, it is **6699283**.

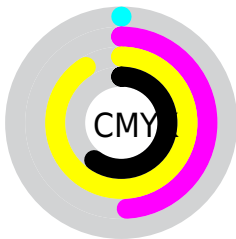
# Distribution



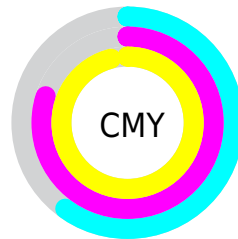
- Red (40%)
- Green (20%)
- Blue (4%)



- Red (40%)
- Yellow (35%)
- Blue (4%)



- Cyan (0%)
- Magenta (49%)
- Yellow (91%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6697993 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 6697993 by changing the saturation by 10% instead.



 6697993

 6697993

 16777199

 4988416

 10380087

 3213568

 12221519

 1310720

 14128744

 0

 16101761

 16764315

 16771510

 16777170

 6697993

 6697993

■ 6696704

■ 6699283

■ 6700829

■ 6702120

■ 6703666

■ 6704956

■ 6706502

■ 6707792

■ 6709339

■ 6710629

# Harmonies

## Analogous

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



7612196



6697993



5193728

# Triad

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



6697993



20289



4209013

# Complementary

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



6697993



605030

# 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.



17790



6697993



20319

# Square

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



6697993



19746



19574



6629983

# Rectangle

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



6697993



3950080



19574



2899322



# Sweetspot

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



6697993



8745313



6687036



4339501



12763842



4342338



# Same Dimension

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



6697993



8731904



6709513



3354670



7550208



15888384



# Inverse Universe

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



605030



18309



593510



3027251



15987

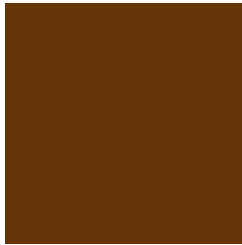


33522



# Previews

## White Background



This preview shows how the Decimal color 6697993 looks on a white background.

## Color Contrast Check

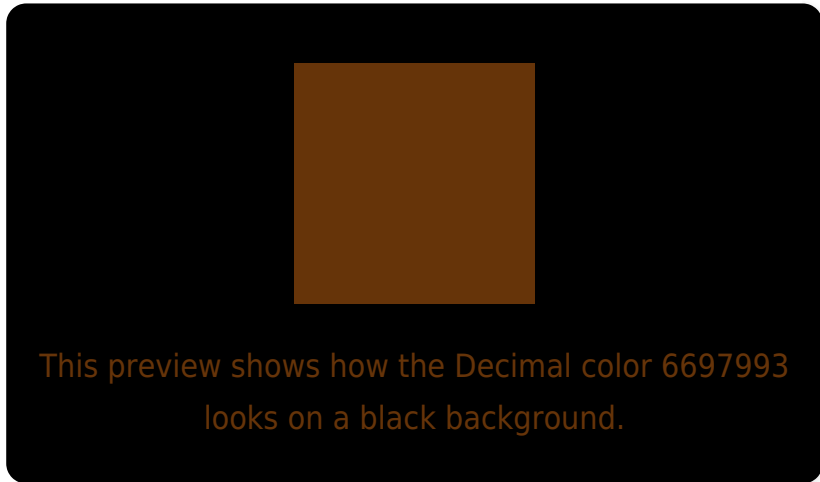
Large Text (above 18pt) WCAG AA ✓ Pass

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 6697993 Background



This preview shows how black text looks on a background with the Decimal color 6697993.



This preview shows how white text looks on a background with the Decimal color 6697993.

# 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**  
6697993

**Protanopia**  
4866573

**Deuteranopia**  
5455616



**Tritanopia**  
6828084

# Trichromacy



**Original Color**  
6697993

**Protanomaly**  
5520652

**Deuteranomaly**  
5913347

**Tritanomaly**  
6762788

# Monochromacy



**Original Color**  
6697993

**Achromatopsia**  
4079166

**Achromatomaly**  
5061163

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6697993 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 #663409 looks like.

```
.text, #text, p{  
    color:#663409  
}
```

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 #663409 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663409
}
```

## Border

The CSS property to change the border of an element to Decimal 6697993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

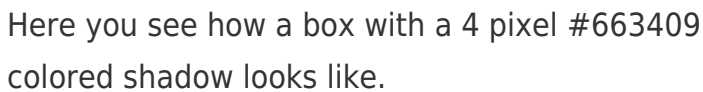
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663409 }
```

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

```
.border{ border-color:#663409 }
```

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



Here you see how a box with a 4 pixel #663409 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663409; -webkit-box-shadow:4px 4px  
4px 4px #663409; box-shadow:4px 4px 4px  
4px #663409 }
```

# Background

The CSS property to change the background color of an element to Decimal 6697993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663409 }
```

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

```
.background{ background-color:#663409 }
```

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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