

Converting Colors

Decimal(6698003)

Have a look what the booklet for
Decimal(6698003) contains.

Decimal(6698003)	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(6698003)

Conversions

Conversions Part 1

Format	Color
Hex	663413
RGB	102, 52, 19
RGB Percent	40%, 20%, 7%
CMY	0.6000, 0.7961, 0.9255
CMYK	0.00, 0.49, 0.81, 0.60
HSL	24°, 69%, 24%
HSV	24°, 81%, 40%
XYZ	6.8250, 5.3278, 1.2847
YIQ	63.1880, 40.3930, 0.3370

Conversions

Conversions Part 2

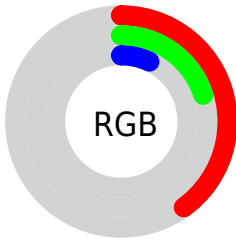
Format	Color
R_{YB}	102, 74, 19
Decimal	6698003
CIE _{Lab}	27.65, 19.68, 29.72
CIE _{LCh}	28, 35.649, 56.492
Yxy	5.3278, 0.5079, 0.3965
Android (android.graphics.Color)	4284888083 (0xFF663413)
YUV	63.1880, -21.7847, 34.0381
Hunter-Lab	23.0820, 12.3865, 12.8573

Details

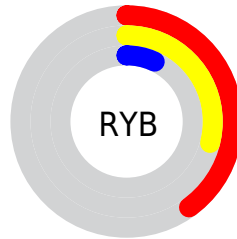
The Decimal color **6698003** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1262950**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **10314560**, and **3279104** is the 20% darker color. If you saturate the color by 10%, you get **6696457**, and if you desaturate by 10%, it is **6699549**.

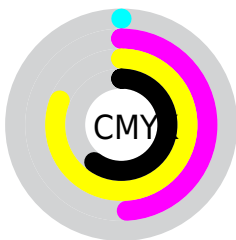
Distribution



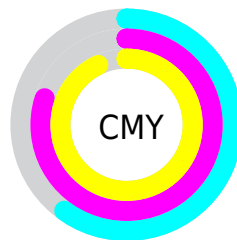
- Red (40%)
- Green (20%)
- Blue (7%)



- Red (40%)
- Yellow (29%)
- Blue (7%)



- Cyan (0%)
- Magenta (49%)
- Yellow (81%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6698003 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 6698003 by changing the saturation by 10% instead.

 6698003

 6698003

 16777208

 4988416

 10314560

 3279104

 12221527

 1376256

 14128752

 0

 16036234

 16764324

 16771520

 16777180

 6698003

 6698003

■ 6696457

■ 6699549

■ 6695168

■ 6701095

■ 6702642

■ 6704444

■ 6705990

■ 6707536

■ 6709082

■ 6710629

■ 6712175

Harmonies

Analogous

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



7416107



6698003



5390083

Triad

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



6698003



20029



3881842

Complementary

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



6698003



1262950

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.



17784



6698003



20057

Square

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



6698003



936993



19311



6238048

Rectangle

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



6698003



4277509



19311



2637686

Sweetspot

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



6698003



8745317



6689606



4339503



12763842



4342338

Same Dimension

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



6698003



8730115



6708243



3354670



7548416



15884288

Inverse Universe

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



1262950



217477



1252710



3027251



17779



37618

Previews

White Background



This preview shows how the Decimal color 6698003 looks on a white background.

Color Contrast Check

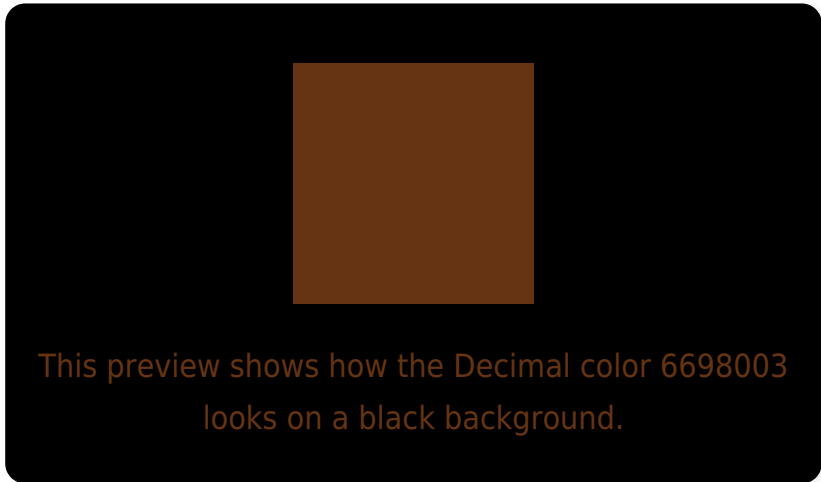
Large Text (above 18pt) WCAG AA ✓ Pass

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

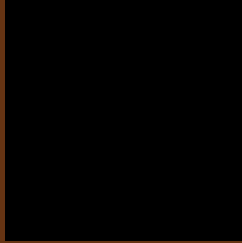
Any Text WCAG AA × Fail

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 6698003 Background



This preview shows how black text looks on a background with the Decimal color 6698003.



This preview shows how white text looks on a background with the Decimal color 6698003.

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
6698003

Protanopia
4866583

Deuteranopia
5455631



Tritanopia
6762804

Trichromacy



Original Color
6698003

Protanomaly
5520662

Deuteranomaly
5913360

Tritanomaly
6763048

Monochromacy



Original Color
6698003

Achromatopsia
4144959

Achromatomaly
5061423

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6698003 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 #663413 looks like.

```
.text, #text, p{  
    color:#663413  
}
```

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 #663413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663413
}
```

Border

The CSS property to change the border of an element to Decimal 6698003 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
#663413 }
```

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

```
.border{ border-color:#663413 }
```

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

Here you see how a box with a 4 pixel #663413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663413; -webkit-box-shadow:4px 4px  
4px 4px #663413; box-shadow:4px 4px 4px  
4px #663413 }
```

Background

The CSS property to change the background color of an element to Decimal 6698003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663413 }
```

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

```
.background{ background-color:#663413 }
```

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