

# Converting Colors

Decimal(6893621)

Have a look what the booklet for  
Decimal(6893621) contains.

<b>Decimal(6893621)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6893621)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693035
RGB	105, 48, 53
RGB Percent	41%, 19%, 21%
CMY	0.5882, 0.8118, 0.7922
CMYK	0.00, 0.54, 0.50, 0.59
HSL	355°, 37%, 30%
HSV	355°, 54%, 41%
XYZ	7.5253, 5.3742, 4.0089
YIQ	65.6130, 32.3670, 13.6390

# Conversions

## Conversions Part 2

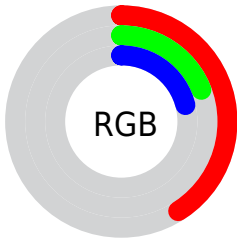
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 48, 53
Decimal	6893621
CIE <sub>Lab</sub>	27.78, 26.01, 8.94
CIE <sub>LCh</sub>	28, 27.506, 18.966
Yxy	5.3742, 0.4451, 0.3178
Android (android.graphics.Color)	4285083701 (0xFF693035)
YUV	65.6130, -6.2182, 34.5424
Hunter-Lab	23.1823, 17.3741, 5.9748

# Details

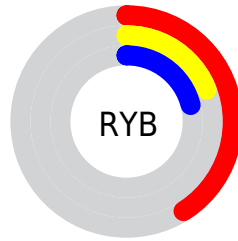
The Decimal color **6893621** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3172708**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **10444899**, and **3539464** is the 20% darker color. If you saturate the color by 10%, you get **6891051**, and if you desaturate by 10%, it is **6896447**.

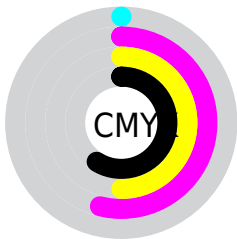
# Distribution



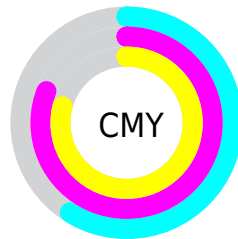
- Red (41%)
- Green (19%)
- Blue (21%)



- Red (41%)
- Yellow (19%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (50%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6893621 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 6893621 by changing the saturation by 10% instead.



6893621

6893621

16777215

5183776

10444899

3539464

12286332

1966081

14128022

0

16035505

16763596

16770792

6893621

6893621

6891051

6896447

■ 6888226

■ 6899016

■ 6885656

■ 6901586

■ 6882831

■ 6904411

■ 6881289

■ 6907237

■ 6909806

■ 6912376

■ 6915202

■ 6918027

# Harmonies

## Analogous

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



6631498



6893621



6501922

# Triad

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



6893621



2640165



18027

# Complementary

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



6893621



3172708

# 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.



19041



6893621



19513

# Square

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



6893621



4277528



19535



3555177

# Rectangle

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



6893621



5913370



19535



18537



# Sweetspot

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



6893621



9073782



6500457



4536377



12895428



4539717



# Same Dimension

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



6893621



9056312



6899504



3551281



7667722



16056341



# Inverse Universe

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



6893621



9056312



3166825



3551281



7667722

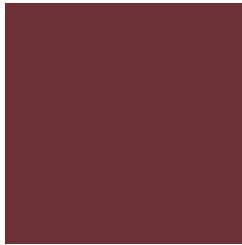


16056341



# Previews

## White Background



This preview shows how the Decimal color 6893621 looks on a white background.

## Color Contrast Check

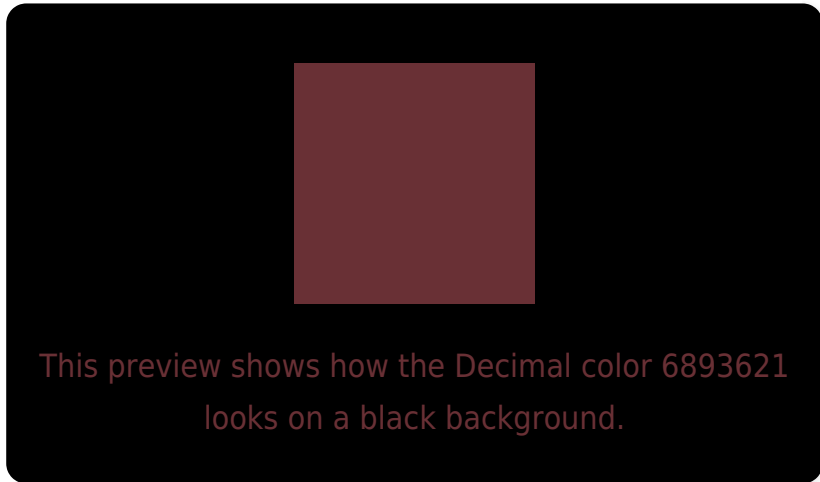
Large Text (above 18pt) WCAG AA ✓ Pass

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

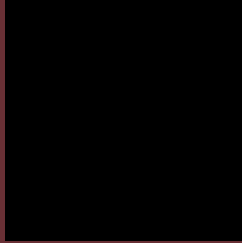
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6893621 Background



This preview shows how black text looks on a background with the Decimal color 6893621.



This preview shows how white text looks on a background with the Decimal color 6893621.

# 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**  
6893621

**Protanopia**  
4538942

**Deuteranopia**  
5128242



**Tritanopia**  
6893620

# Trichromacy



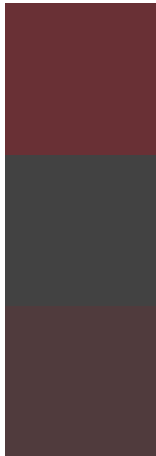
**Original Color**  
6893621

**Protanomaly**  
5389115

**Deuteranomaly**  
5782067

**Tritanomaly**  
6893620

# Monochromacy



**Original Color**  
6893621

**Achromatopsia**  
4342338

**Achromatomaly**  
5258045

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6893621 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 #693035 looks like.

```
.text, #text, p{  
    color:#693035  
}
```

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 #693035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693035
}
```

## Border

The CSS property to change the border of an element to Decimal 6893621 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".

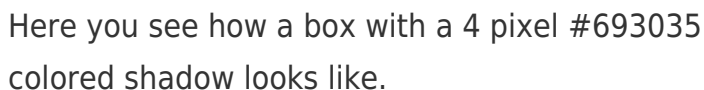
```
.border, #border, table{ border:4px solid
#693035 }
```

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

```
.border{ border-color:#693035 }
```

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

Here you see how a box with a 4 pixel #693035 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. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693035; -webkit-box-shadow:4px 4px  
4px 4px #693035; box-shadow:4px 4px 4px  
4px #693035 }
```

# Background

The CSS property to change the background color of an element to Decimal 6893621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693035 }
```

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

```
.background{ background-color:#693035 }
```

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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