

# Converting Colors

Decimal(6621739)

Have a look what the booklet for  
Decimal(6621739) contains.

<b>Decimal(6621739)</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(6621739)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	650A2B
RGB	101, 10, 43
RGB Percent	40%, 4%, 17%
CMY	0.6039, 0.9608, 0.8314
CMYK	0.00, 0.90, 0.57, 0.60
HSL	338°, 82%, 22%
HSV	338°, 90%, 40%
XYZ	5.9114, 3.1582, 2.5835
YIQ	40.9710, 43.6430, 29.5550

# Conversions

## Conversions Part 2

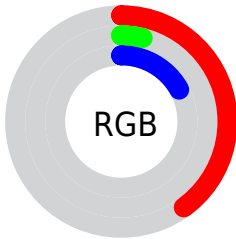
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 10, 43
Decimal	6621739
CIELab	20.67, 40.06, 5.75
CIElCh	21, 40.466, 8.166
Yxy	3.1582, 0.5073, 0.2710
Android (android.graphics.Color)	4284811819 (0xFF650A2B)
YUV	40.9710, 1.0003, 52.6454
Hunter-Lab	17.7713, 28.2760, 3.8206

# Details

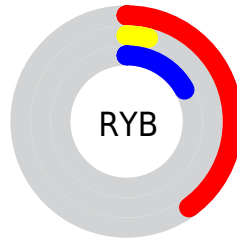
The Decimal color **6621739** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **681284**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **10240600**, and **3342337** is the 20% darker color. If you saturate the color by 10%, you get **6619173**, and if you desaturate by 10%, it is **6624305**.

# Distribution



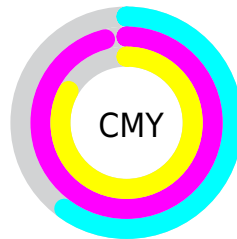
- Red (40%)
- Green (4%)
- Blue (17%)



- Red (40%)
- Yellow (4%)
- Blue (17%)



- Cyan (0%)
- Magenta (90%)
- Yellow (57%)
- Black (60%)



- Cyan (60%)
- Magenta (96%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6621739 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 6621739 by changing the saturation by 10% instead.



6621739

6621739

16777215

4849687

10240600

3342337

12147568

0

14054794

16027812

16755647

16762843

16770039

6621739

6621739

■ 6619173

■ 6624305

■ 6626872

■ 6629438

■ 6632005

■ 6634827

■ 6637394

■ 6639960

■ 6642526

■ 6645093

# Harmonies

## Analogous

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



5903432



6621739



6297614

# Triad

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



6621739



1456640



15209

# Complementary

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



6621739



681284

# 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.



15958



6621739



15642

# Square

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



6621739



3617536



16185



13165

# Rectangle

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



6621739



5645056



16185



15460



# Sweetspot

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



6621739



8544108



4459109



4336949



12763842



4342338



# Same Dimension

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



6621739



8519727



6624778



3354160



7536682



15859800



# Inverse Universe

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



6621739



8519727



678245



3354160



7536682

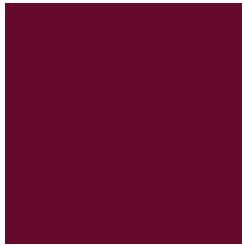


15859800



# Previews

## White Background



This preview shows how the Decimal color 6621739 looks on a white background.

## Color Contrast Check

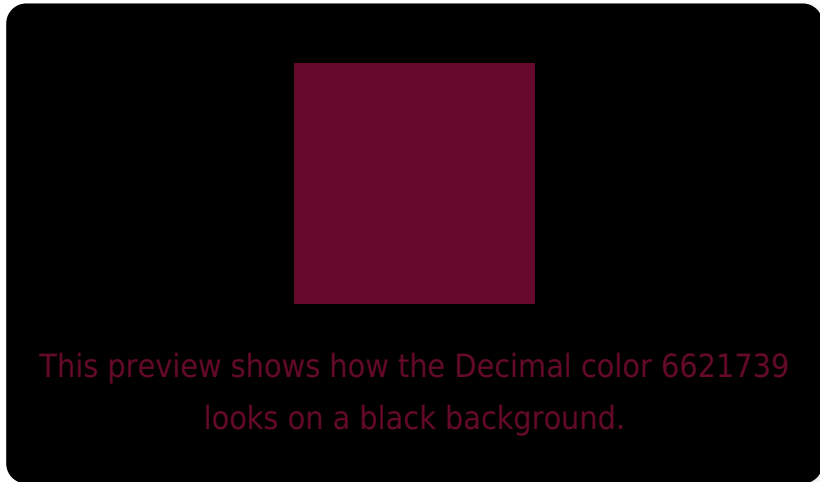
Large Text (above 18pt) WCAG AA ✓ Pass

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

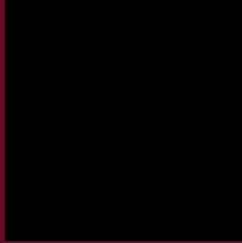
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6621739 Background



This preview shows how black text looks on a background with the Decimal color 6621739.



This preview shows how white text looks on a background with the Decimal color 6621739.

# 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**  
6621739

**Protanopia**  
3355710

**Deuteranopia**  
4076071



**Tritanopia**  
6558483

# Trichromacy



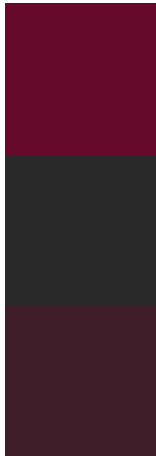
**Original Color**  
6621739

**Protanomaly**  
4531511

**Deuteranomaly**  
4989736

**Tritanomaly**  
6557724

# Monochromacy



**Original Color**  
6621739

**Achromatopsia**  
2697513

**Achromatomaly**  
4136490

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6621739 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 #650A2B looks like.

```
.text, #text, p{  
  color:#650A2B  
}
```

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 #650A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650A2B
}
```

## Border

The CSS property to change the border of an element to Decimal 6621739 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".

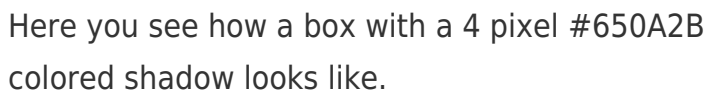
```
.border, #border, table{ border:4px solid
#650A2B }
```

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

```
.border{ border-color:#650A2B }
```

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

Here you see how a box with a 4 pixel #650A2B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650A2B; -webkit-box-shadow:4px 4px  
4px 4px #650A2B; box-shadow:4px 4px 4px  
4px #650A2B }
```

# Background

The CSS property to change the background color of an element to Decimal 6621739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650A2B }
```

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

```
.background{ background-color:#650A2B }
```

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