

# Converting Colors

Decimal(6687232)

Have a look what the booklet for  
Decimal(6687232) contains.

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**Color**

**Decimal(6687232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	660A00
RGB	102, 10, 0
RGB Percent	40%, 4%, 0%
CMY	0.6000, 0.9608, 1.0000
CMYK	0.00, 0.90, 1.00, 0.60
HSL	6°, 100%, 20%
HSV	6°, 100%, 40%
XYZ	5.5880, 3.0419, 0.2926
YIQ	36.3680, 58.0420, 16.3940

# Conversions

## Conversions Part 2

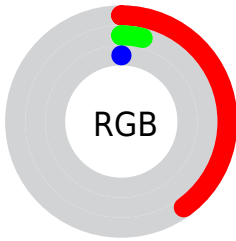
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 11, 0
Decimal	6687232
CIELab	20.21, 38.34, 30.66
CIELCh	20, 49.092, 38.649
Yxy	3.0419, 0.6263, 0.3409
Android (android.graphics.Color)	4284877312 (0xFF660A00)
YUV	36.3680, -17.9294, 57.5593
Hunter-Lab	17.4409, 26.6693, 11.2139

# Details

The Decimal color **6687232** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **23654**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **10502447**, and **3211266** is the 20% darker color. If you saturate the color by 10%, you get **6687232**, and if you desaturate by 10%, it is **6689546**.

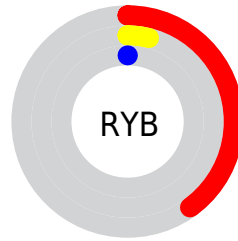
# Distribution



Red (40%)

Green (4%)

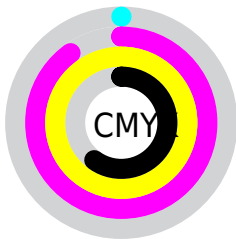
Blue (0%)



Red (40%)

Yellow (4%)

Blue (0%)

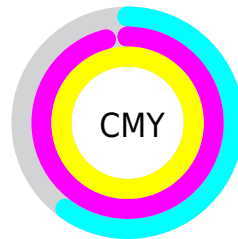


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (96%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6687232 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 6687232 by changing the saturation by 10% instead.



 6687232

 6687232

 16777186

 4849664

 10502447

 3211266

 12409413

 0

 14382173

 16420470

 16755088

 16762283

 16769734

 6687232

 6689546

 6691860

 6694431

 6696745

 6699059

 6701373

 6703687

 6706258

 6708572

# Harmonies

## Analogous

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



7143464



6687232



5317888

# Triad

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



6687232



15892



13177

# Complementary

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



6687232



23654

# 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.



15477



6687232



16187

# Square

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



6687232



408064



16221



3875178

# Rectangle

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



6687232



4140800



16221



13946



# Sweetspot

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



6687232



8741213



6684766



4336938



12763842



4342338



# Same Dimension

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



6687232



8719616



6700032



3354158



7539456



15865856



# Inverse Universe

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



23654



30853



11110



3027763



26739

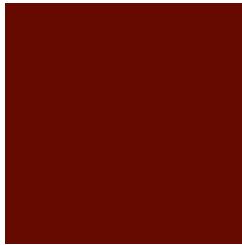


56306



# Previews

## White Background



This preview shows how the Decimal color 6687232 looks on a white background.

## Color Contrast Check

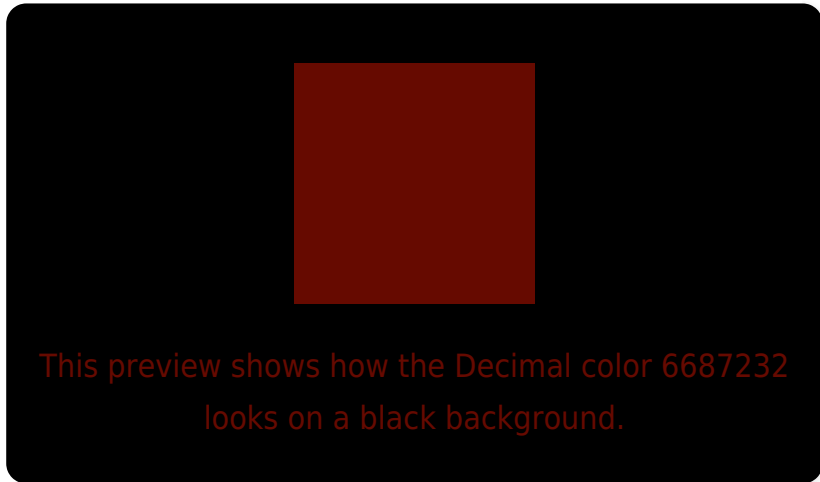
Large Text (above 18pt) WCAG AA ✓ Pass

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

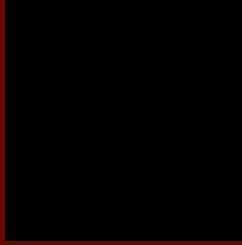
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6687232 Background



This preview shows how black text looks on a background with the Decimal color 6687232.



This preview shows how white text looks on a background with the Decimal color 6687232.

# 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



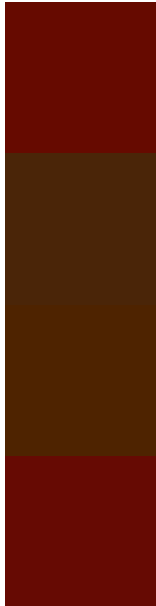
**Original Color**  
6687232

**Protanopia**  
3814413

**Deuteranopia**  
4272384



# Trichromacy



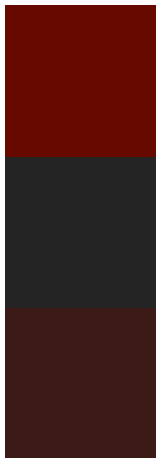
**Original Color**  
6687232

**Protanomaly**  
4859144

**Deuteranomaly**  
5120768

**Tritanomaly**  
6687235

# Monochromacy



**Original Color**  
6687232

**Achromatopsia**  
2368548

**Achromatomaly**  
3939095

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6687232 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 #660A00 looks like.

```
.text, #text, p{  
    color:#660A00  
}
```

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 #660A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660A00
}
```

## Border

The CSS property to change the border of an element to Decimal 6687232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

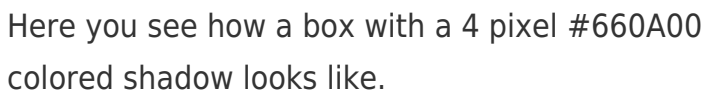
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#660A00 }
```

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

```
.border{ border-color:#660A00 }
```

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



Here you see how a box with a 4 pixel #660A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660A00; -webkit-box-shadow:4px 4px  
4px 4px #660A00; box-shadow:4px 4px 4px  
4px #660A00 }
```

# Background

The CSS property to change the background color of an element to Decimal 6687232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660A00 }
```

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

```
.background{ background-color:#660A00 }
```

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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