

# Converting Colors

Decimal(6367252)

Have a look what the booklet for  
Decimal(6367252) contains.

<b>Decimal(6367252)</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(6367252)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	612814
RGB	97, 40, 20
RGB Percent	38%, 16%, 8%
CMY	0.6196, 0.8431, 0.9216
CMYK	0.00, 0.59, 0.79, 0.62
HSL	16°, 66%, 23%
HSV	16°, 79%, 38%
XYZ	5.8148, 4.1095, 1.1486
YIQ	54.7630, 40.3920, 5.8640

# Conversions

## Conversions Part 2

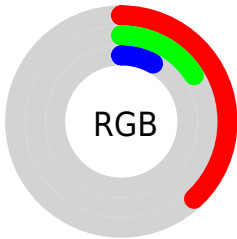
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 47, 20
Decimal	6367252
CIELab	24.03, 24.47, 25.15
CIELCh	24, 35.096, 45.787
Yxy	4.1095, 0.5251, 0.3711
Android (android.graphics.Color)	4284557332 (0xFF612814)
YUV	54.7630, -17.1382, 37.0418
Hunter-Lab	20.2718, 15.7256, 10.8311

# Details

The Decimal color **6367252** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1330529**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **9983808**, and **2949120** is the 20% darker color. If you saturate the color by 10%, you get **6365450**, and if you desaturate by 10%, it is **6369054**.

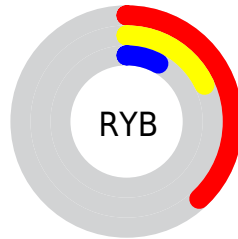
# Distribution



 Red (38%)

 Green (16%)

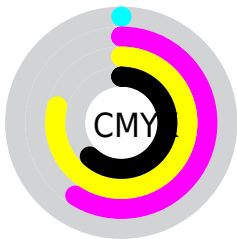
 Blue (8%)



 Red (38%)

 Yellow (18%)

 Blue (8%)

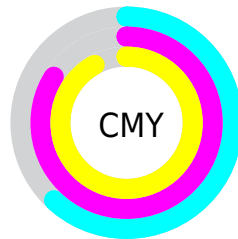


 Cyan (0%)

 Magenta (59%)

 Yellow (79%)

 Black (62%)



 Cyan (62%)

 Magenta (84%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6367252 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 6367252 by changing the saturation by 10% instead.



6367252

6367252

16777207

4657408

9983808

2949120

11825239

0

13732464

15705225

16760740

16768191

16775387

6367252

6367252

■ 6365450

■ 6369054

■ 6363649

■ 6370855

■ 6363392

■ 6372913

■ 6374715

■ 6376516

■ 6378318

■ 6380120

■ 6381922

■ 6383979

# Harmonies

## Analogous

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



6823724



6367252



5255936

# Triad

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



6367252



17707



1849196

# Complementary

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



6367252



1330529

# 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.



16492



6367252



17735

# Square

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



6367252



1655313



17502



4992094

# Rectangle

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



6367252



4274688



17502



15214



# Sweetspot

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



6367252



8218463



6362190



4207149



12566463



4210752



# Same Dimension

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



6367252



8201478



6376980



3157292



7347456



15744512



# Inverse Universe

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



1330529



417405



1320801



2895664



21360

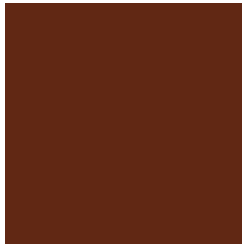


45552



# Previews

## White Background



This preview shows how the Decimal color 6367252 looks on a white background.

## Color Contrast Check

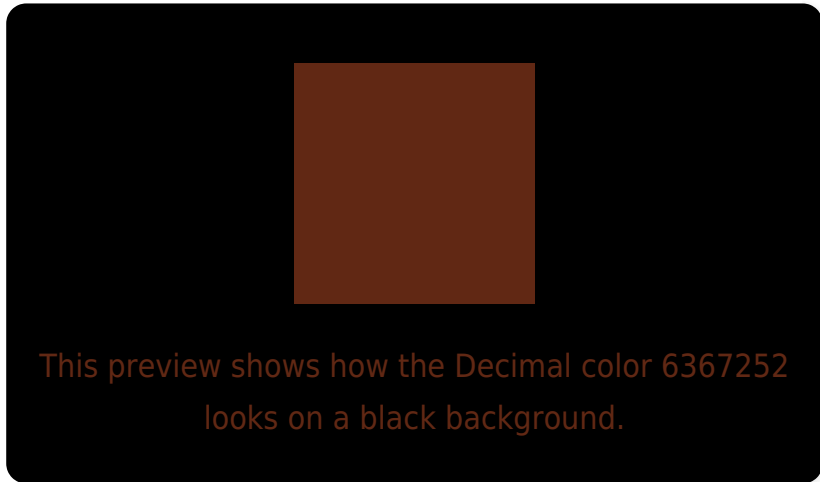
Large Text (above 18pt) WCAG AA ✓ Pass

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 6367252 Background



This preview shows how black text looks on a background with the Decimal color 6367252.

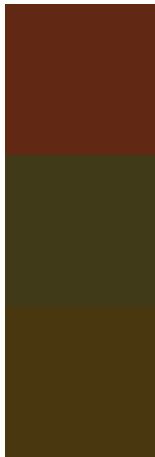


This preview shows how white text looks on a background with the Decimal color 6367252.

# 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**  
6367252

**Protanopia**  
4274713

**Deuteranopia**  
4798223



**Tritanopia**  
6432296

# Trichromacy



**Original Color**  
6367252

**Protanomaly**  
5059351

**Deuteranomaly**  
5386769

**Tritanomaly**  
6432545

# Monochromacy



**Original Color**  
6367252

**Achromatopsia**  
3618615

**Achromatomaly**  
4600362

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6367252 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 #612814 looks like.

```
.text, #text, p{  
    color:#612814  
}
```

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 #612814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612814
}
```

## Border

The CSS property to change the border of an element to Decimal 6367252 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".

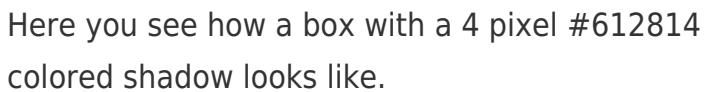
```
.border, #border, table{ border:4px solid
#612814 }
```

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

```
.border{ border-color:#612814 }
```

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

Here you see how a box with a 4 pixel #612814 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612814; -webkit-box-shadow:4px 4px  
4px 4px #612814; box-shadow:4px 4px 4px  
4px #612814 }
```

# Background

The CSS property to change the background color of an element to Decimal 6367252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612814 }
```

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

```
.background{ background-color:#612814 }
```

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