

# Converting Colors

Decimal(6045242)

Have a look what the booklet for  
Decimal(6045242) contains.

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**Color**

**Decimal(6045242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C3E3A
RGB	92, 62, 58
RGB Percent	36%, 24%, 23%
CMY	0.6392, 0.7569, 0.7725
CMYK	0.00, 0.33, 0.37, 0.64
HSL	7°, 23%, 29%
HSV	7°, 37%, 36%
XYZ	6.9000, 6.0260, 4.8025
YIQ	70.5140, 19.1640, 5.1160

# Conversions

## Conversions Part 2

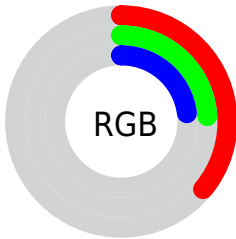
Format	Color
<b>RYB</b>	92, 63, 58
Decimal	6045242
CIELab	29.48, 12.55, 7.75
CIELCh	29, 14.752, 31.677
Yxy	6.0260, 0.3892, 0.3399
Android (android.graphics.Color)	4284235322 (0xFF5C3E3A)
YUV	70.5140, -6.1694, 18.8432
Hunter-Lab	24.5480, 7.2139, 5.5844

# Details

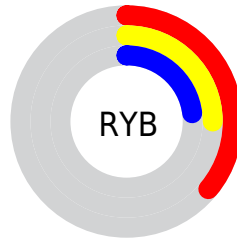
The Decimal color **6045242** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3823708**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **9399913**, and **2953999** is the 20% darker color. If you saturate the color by 10%, you get **6043185**, and if you desaturate by 10%, it is **6047299**.

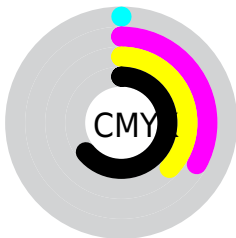
# Distribution



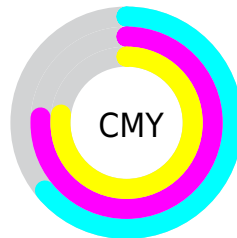
- Red (36%)
- Green (24%)
- Blue (23%)



- Red (36%)
- Yellow (25%)
- Blue (23%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (64%)



- Cyan (64%)
- Magenta (76%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6045242 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 6045242 by changing the saturation by 10% instead.





6045242



6045242

16777215



4466724



9399913



2953999



11175810



1441792



13017500



0



14859447



16767187



16774639



6045242



6045242



6043185



6047299

■ 6041128

■ 6049356

■ 6039070

■ 6051414

■ 6037013

■ 6053471

■ 6034700

■ 6055784

■ 6032643

■ 6057841

■ 6032128

■ 6059898

■ 6061956

■ 6064013

# Harmonies

## Analogous

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



6044997



6045242



5718322

# Triad

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



6045242



3427130



3688028

# Complementary

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



6045242



3823708

# 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.



2706009



6045242



2640966

# Square

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



6045242



4278322



2247505



4735577

# Rectangle

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



6045242



5325871



2247505



3295068



# Sweetspot

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



6045242



7892075



6044248



4011573



12434877



4013373



# Same Dimension

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



6045242



7883075



6049594



3025449



7212288



15539200



# Inverse Universe

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



3823708



4420216



3819356



2698542



24942



53741



# Previews

## White Background



This preview shows how the Decimal color 6045242 looks on a white background.

## Color Contrast Check

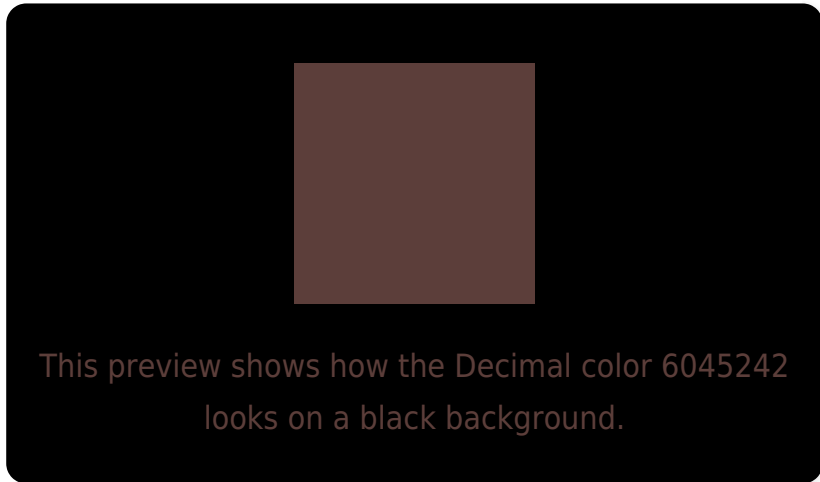
Large Text (above 18pt) WCAG AA ✓ Pass

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 6045242 Background



This preview shows how black text looks on a background with the Decimal color 6045242.

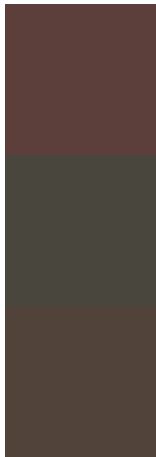


This preview shows how white text looks on a background with the Decimal color 6045242.

# 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**  
6045242

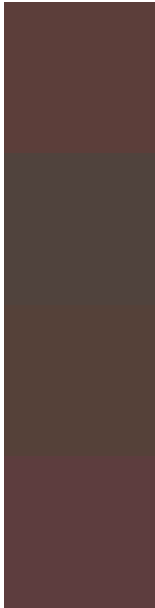
**Protanopia**  
4802110

**Deuteranopia**  
5325625



**Tritanopia**  
6110529

# Trichromacy



**Original Color**

6045242

**Protanomaly**

5260093

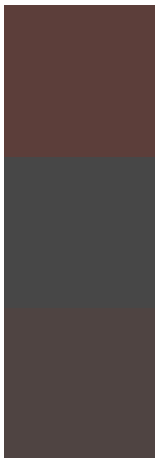
**Deuteranomaly**

5587257

**Tritanomaly**

6110526

# Monochromacy



**Original Color**

6045242

**Achromatopsia**

4671303

**Achromatomaly**

5194818

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6045242 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 #5C3E3A looks like.

```
.text, #text, p{  
    color:#5C3E3A  
}
```

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 #5C3E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3E3A
}
```

## Border

The CSS property to change the border of an element to Decimal 6045242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

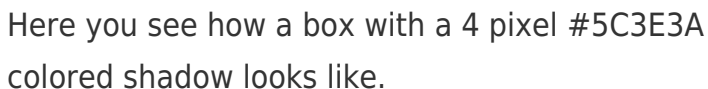
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C3E3A }
```

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

```
.border{ border-color:#5C3E3A }
```

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



Here you see how a box with a 4 pixel #5C3E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3E3A; -webkit-box-shadow:4px 4px  
4px 4px #5C3E3A; box-shadow:4px 4px 4px  
4px #5C3E3A }
```

# Background

The CSS property to change the background color of an element to Decimal 6045242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3E3A }
```

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

```
.background{ background-color:#5C3E3A }
```

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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