

# Converting Colors

Decimal(6047004)

Have a look what the booklet for  
Decimal(6047004) contains.

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**Color**

**Decimal(6047004)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C451C
RGB	92, 69, 28
RGB Percent	36%, 27%, 11%
CMY	0.6392, 0.7294, 0.8902
CMYK	0.00, 0.25, 0.70, 0.64
HSL	38°, 53%, 24%
HSV	38°, 70%, 36%
XYZ	6.7514, 6.6154, 2.0197
YIQ	71.2030, 26.8690, -7.8750

# Conversions

## Conversions Part 2

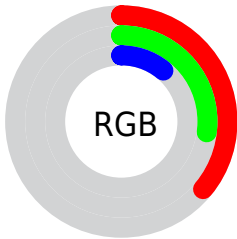
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 92, 28
Decimal	6047004
CIELab	30.91, 4.85, 27.95
CIELCh	31, 28.363, 80.149
Yxy	6.6154, 0.4388, 0.4300
Android (android.graphics.Color)	4284237084 (0xFF5C451C)
YUV	71.2030, -21.2991, 18.2390
Hunter-Lab	25.7204, 1.8438, 13.3486

# Details

The Decimal color **6047004** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1848156**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **9532746**, and **2824704** is the 20% darker color. If you saturate the color by 10%, you get **6046227**, and if you desaturate by 10%, it is **6047781**.

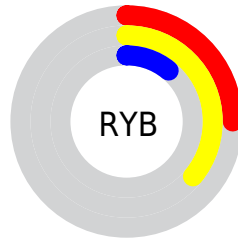
# Distribution



 Red (36%)

 Green (27%)

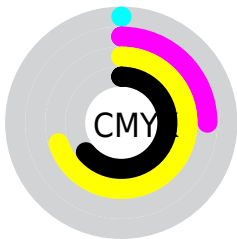
 Blue (11%)



 Red (25%)

 Yellow (36%)

 Blue (11%)

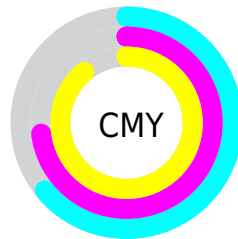



 Cyan (0%)

 Magenta (25%)

 Yellow (70%)

 Black (64%)



 Cyan (64%)

 Magenta (73%)

 Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6047004 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 6047004 by changing the saturation by 10% instead.





6047004



6047004

16777215



4402948



9532746



2824704



11308898



1114112



13150587



0



15058069



16769200



16776651



16777192



6047004



6047004

■ 6046227

■ 6047781

■ 6045194

■ 6048814

■ 6044416

■ 6049592

■ 6050369

■ 6051402

■ 6052179

■ 6052956

■ 6053734

■ 6054767

# Harmonies

## Analogous

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



7028008



6047004



4672541

# Triad

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



6047004



21591



6110565

# Complementary

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



6047004



1848156

# 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.



4081266



6047004



21098

# Square

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



6047004



21568



85364



7223121

# Rectangle

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



6047004



3624998



85364



5521515



# Sweetspot

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



6047004



7892831



6036531



4012078



12434877



4013373



# Same Dimension

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



6047004



7885844



5463068



3025961



7226880



15570944



# Inverse Universe

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



1848156



1325176



2432092



2698030



10094



21997



# Previews

## White Background



This preview shows how the Decimal color 6047004 looks on a white background.

## Color Contrast Check

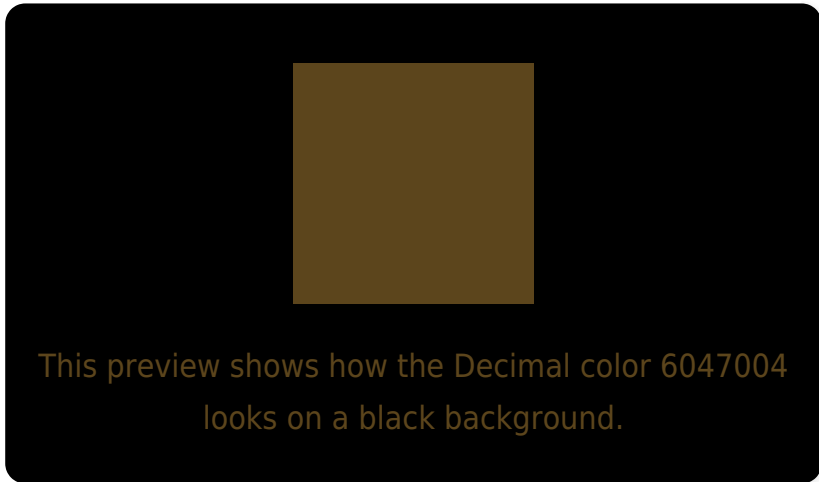
Large Text (above 18pt) WCAG AA ✓ Pass

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

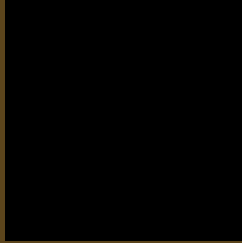
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6047004 Background



This preview shows how black text looks on a background with the Decimal color 6047004.



This preview shows how white text looks on a background with the Decimal color 6047004.

# 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**  
6047004

**Protanopia**  
5327133

**Deuteranopia**  
5981468



# Trichromacy



**Original Color**  
6047004

**Protanomaly**  
5589021

**Deuteranomaly**  
5981468

**Tritanomaly**  
6177335

# Monochromacy



**Original Color**  
6047004

**Achromatopsia**  
4671303

**Achromatomaly**  
5195319

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6047004 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 #5C451C looks like.

```
.text, #text, p{  
    color:#5C451C  
}
```

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 #5C451C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C451C
}
```

## Border

The CSS property to change the border of an element to Decimal 6047004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

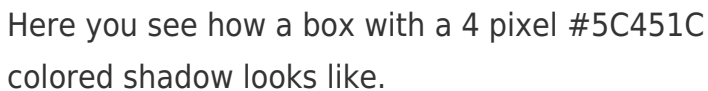
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C451C }
```

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

```
.border{ border-color:#5C451C }
```

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



Here you see how a box with a 4 pixel #5C451C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C451C; -webkit-box-shadow:4px 4px  
4px 4px #5C451C; box-shadow:4px 4px 4px  
4px #5C451C }
```

# Background

The CSS property to change the background color of an element to Decimal 6047004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C451C }
```

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

```
.background{ background-color:#5C451C }
```

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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