

# Converting Colors

Decimal(9066032)

Have a look what the booklet for  
Decimal(9066032) contains.

<b>Decimal(9066032)</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(9066032)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A5630
RGB	138, 86, 48
RGB Percent	54%, 34%, 19%
CMY	0.4588, 0.6627, 0.8118
CMYK	0.00, 0.38, 0.65, 0.46
HSL	25°, 48%, 36%
HSV	25°, 65%, 54%
XYZ	14.3425, 12.2723, 4.4092
YIQ	97.2160, 43.1900, -0.7940

# Conversions

## Conversions Part 2

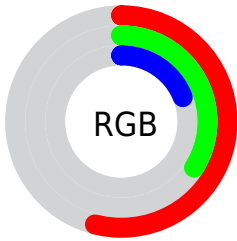
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 114, 48
Decimal	9066032
CIE <sub>Lab</sub>	41.65, 17.72, 30.71
CIE <sub>LCh</sub>	42, 35.456, 60.011
Yxy	12.2723, 0.4623, 0.3956
Android (android.graphics.Color)	4287256112 (0xFF8A5630)
YUV	97.2160, -24.2635, 35.7676
Hunter-Lab	35.0318, 11.7749, 17.0599

# Details

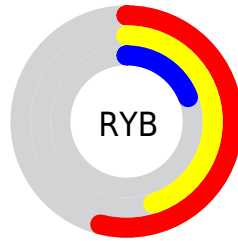
The Decimal color **9066032** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3171466**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **12814431**, and **5515265** is the 20% darker color. If you saturate the color by 10%, you get **9063970**, and if you desaturate by 10%, it is **9068094**.

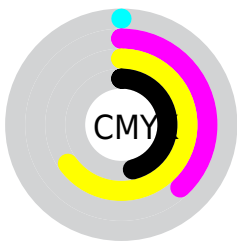
# Distribution



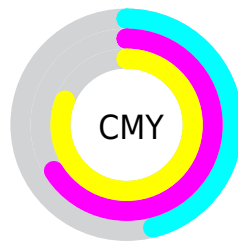
- Red (54%)
- Green (34%)
- Blue (19%)



- Red (54%)
- Yellow (45%)
- Blue (19%)



- Cyan (0%)
- Magenta (38%)
- Yellow (65%)
- Black (46%)



- Cyan (46%)
- Magenta (66%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9066032 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 9066032 by changing the saturation by 10% instead.



 9066032

 9066032


16777215

 7290650

 12814431

 5515265

 14721656

 3805952

 16629394

 2293760

 16767405

 0

 16774857

 16777189

 9066032

 9066032

 9063970

 9068094

■ 9061908

■ 9070156

■ 9059847

■ 9072217

■ 9058816

■ 9074279

■ 9076341

■ 9078403

■ 9080465

■ 9082526

■ 9084588

# Harmonies

## Analogous

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



9915463



9066032



7561510

# Triad

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



9066032



29025



6577045

# Complementary

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



9066032



3171466

# 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.



2778524



9066032



28799

# Square

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



9066032



3108420



28052



8802176

# Rectangle

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



9066032



6317865



28052



5529241



# Sweetspot

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



9066032



11771535



9056356



5852484



14277081



5855577



# Same Dimension

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



9066032



11756071



9077552



4538686



8730624



328192



# Inverse Universe

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



3171466



2586803



3159946



4080197



19845

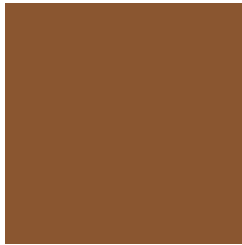


773



# Previews

## White Background



This preview shows how the Decimal color 9066032 looks on a white background.

## Color Contrast Check

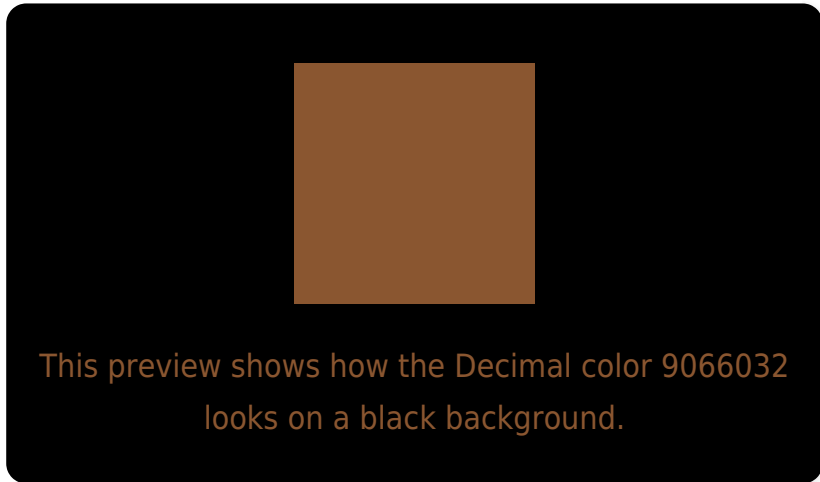
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

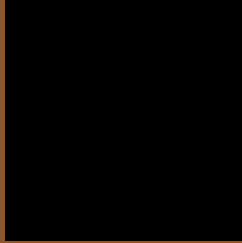
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9066032 Background



This preview shows how black text looks on a background with the Decimal color 9066032.



This preview shows how white text looks on a background with the Decimal color 9066032.

# 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**  
9066032

**Protanopia**  
7168820

**Deuteranopia**  
8019502



**Tritanopia**  
9261399

# Trichromacy



**Original Color**  
9066032

**Protanomaly**  
7888435

**Deuteranomaly**  
8411951

**Tritanomaly**  
9196361

# Monochromacy



**Original Color**  
9066032

**Achromatopsia**  
6381921

**Achromatomaly**  
7363919

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9066032 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 #8A5630 looks like.

```
.text, #text, p{  
    color:#8A5630  
}
```

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 #8A5630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A5630
}
```

## Border

The CSS property to change the border of an element to Decimal 9066032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

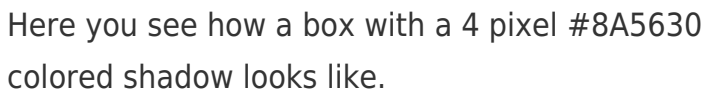
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A5630 }
```

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

```
.border{ border-color:#8A5630 }
```

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



Here you see how a box with a 4 pixel #8A5630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A5630; -webkit-box-shadow:4px 4px  
4px 4px #8A5630; box-shadow:4px 4px 4px  
4px #8A5630 }
```

# Background

The CSS property to change the background color of an element to Decimal 9066032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A5630 }
```

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

```
.background{ background-color:#8A5630 }
```

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