

# Converting Colors

Decimal(9330491)

Have a look what the booklet for  
Decimal(9330491) contains.

<b>Decimal(9330491)</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(9330491)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E5F3B
RGB	142, 95, 59
RGB Percent	56%, 37%, 23%
CMY	0.4431, 0.6275, 0.7686
CMYK	0.00, 0.33, 0.58, 0.44
HSL	26°, 41%, 39%
HSV	26°, 58%, 56%
XYZ	16.0370, 14.2510, 6.0431
YIQ	104.9490, 39.5680, -1.2320

# Conversions

## Conversions Part 2

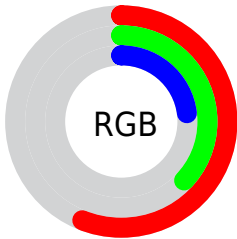
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 123, 59
Decimal	9330491
CIE <sub>Lab</sub>	44.59, 15.12, 28.18
CIE <sub>LCh</sub>	45, 31.979, 61.778
Yxy	14.2510, 0.4414, 0.3923
Android (android.graphics.Color)	4287520571 (0xFF8E5F3B)
YUV	104.9490, -22.6529, 32.4937
Hunter-Lab	37.7505, 9.7662, 16.9341

# Details

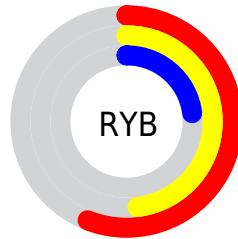
The Decimal color **9330491** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3893902**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **13013611**, and **5779727** is the 20% darker color. If you saturate the color by 10%, you get **9328429**, and if you desaturate by 10%, it is **9332553**.

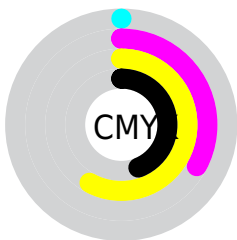
# Distribution



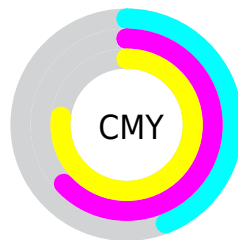
- Red (56%)
- Green (37%)
- Blue (23%)



- Red (56%)
- Yellow (48%)
- Blue (23%)



- Cyan (0%)
- Magenta (33%)
- Yellow (58%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9330491 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 9330491 by changing the saturation by 10% instead.





9330491



9330491

16777215



7554852



13013611



5779727



14920837



4135680



16763039



2491392



16770234



0



16777174



16777202



9330491



9330491



9328429



9332553

■ 9326367

■ 9334615

■ 9324304

■ 9336678

■ 9322242

■ 9338740

■ 9321984

■ 9340802

■ 9342864

■ 9344926

■ 9346989

■ 9349051

# Harmonies

## Analogous

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



10180431



9330491



7890995

# Triad

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



9330491



30570



7234199

# Complementary

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



9330491



3893902

# 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.



4287646



9330491



30597

# Square

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



9330491



3896655



29592



9197699

# Rectangle

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



9330491



6778423



29592



6383003



# Sweetspot

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



9330491



12101015



9321322



6049864



14408667



6052956



# Same Dimension

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



9330491



12087095



9340987



4670272



8862464



525056



# Inverse Universe

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



3893902



3637432



3883406



4211783



19847

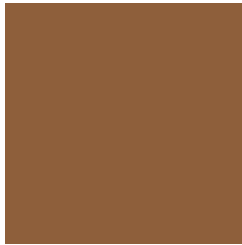


1032



# Previews

## White Background



This preview shows how the Decimal color 9330491 looks on a white background.

## Color Contrast Check

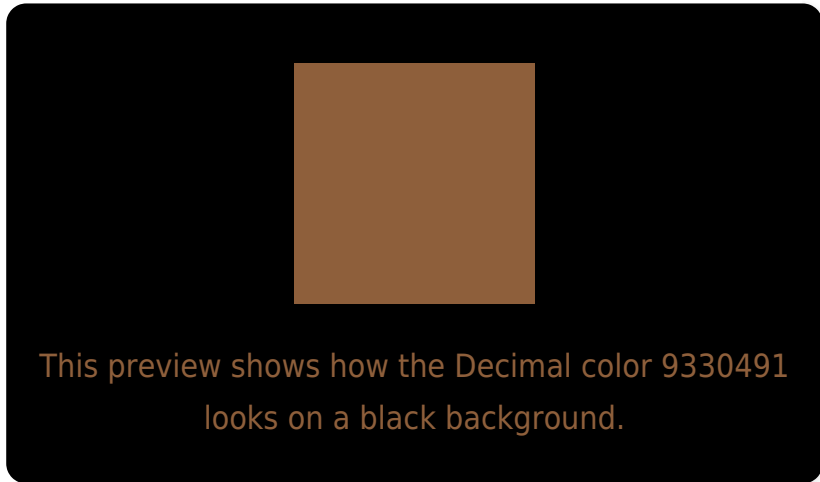
Large Text (above 18pt) WCAG AA ✓ Pass

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 9330491 Background



This preview shows how black text looks on a background with the Decimal color 9330491.



This preview shows how white text looks on a background with the Decimal color 9330491.

# 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**  
9330491

**Protanopia**  
7629375

**Deuteranopia**  
8480058



# Trichromacy



**Original Color**  
9330491

**Protanomaly**  
8218174

**Deuteranomaly**  
8807226

**Tritanomaly**  
9460819

# Monochromacy



**Original Color**  
9330491

**Achromatopsia**  
6908265

**Achromatomaly**  
7759192

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9330491 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 #8E5F3B looks like.

```
.text, #text, p{  
    color:#8E5F3B  
}
```

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 #8E5F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E5F3B
}
```

## Border

The CSS property to change the border of an element to Decimal 9330491 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
#8E5F3B }
```

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

```
.border{ border-color:#8E5F3B }
```

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

Here you see how a box with a 4 pixel #8E5F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E5F3B; -webkit-box-shadow:4px 4px  
4px 4px #8E5F3B; box-shadow:4px 4px 4px  
4px #8E5F3B }
```

# Background

The CSS property to change the background color of an element to Decimal 9330491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E5F3B }
```

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

```
.background{ background-color:#8E5F3B }
```

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