

# Converting Colors

Decimal(12549651)

Have a look what the booklet for  
Decimal(12549651) contains.

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# Color

**Decimal(12549651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF7E13
RGB	191, 126, 19
RGB Percent	75%, 49%, 7%
CMY	0.2510, 0.5059, 0.9255
CMYK	0.00, 0.34, 0.90, 0.25
HSL	37°, 82%, 41%
HSV	37°, 90%, 75%
XYZ	29.0643, 26.0451, 4.1114
YIQ	133.2370, 73.0870, -19.4970

# Conversions

## Conversions Part 2

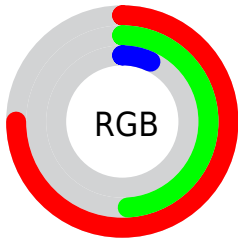
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 191, 19
Decimal	12549651
CIE <sub>Lab</sub>	58.08, 17.55, 60.63
CIE <sub>LCh</sub>	58, 63.114, 73.859
Yxy	26.0451, 0.4908, 0.4398
Android (android.graphics.Color)	4290739731 (0xFFBF7E13)
YUV	133.2370, -56.3188, 50.6582
Hunter-Lab	51.0344, 12.3462, 30.9475

# Details

The Decimal color **12549651** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1266879**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **16560973**, and **8670464** is the 20% darker color. If you saturate the color by 10%, you get **12547840**, and if you desaturate by 10%, it is **12551462**.

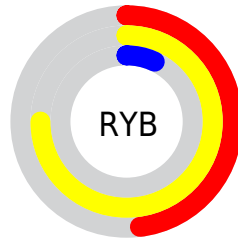
# Distribution



Red (75%)

Green (49%)

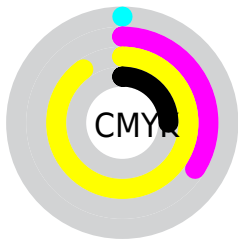
Blue (7%)



Red (48%)

Yellow (75%)

Blue (7%)

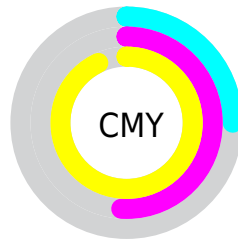


Cyan (0%)

Magenta (34%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (51%)



















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12549651 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 12549651 by changing the saturation by 10% instead.



 12549651	 12549651
16777215	 10577152
 16560973	 8670464
 16764519	 6764032
 16771714	 4923392
 16777118	 3214336
 16777145	 1376256
 16777174	 0
 16777203	
 12549651	 12549651

■ 12547840

■ 12551462

■ 12553273

■ 12555340

■ 12557151

■ 12558962

■ 12560774

■ 12562841

■ 12564652

■ 12566463

# Harmonies

## Analogous

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



14771777



12549651



9408771

# Triad

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



12549651



42404



11432412

# Complementary

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



12549651



1266879

# 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.



4688375



12549651



41943

# Square

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



12549651



41835



39670



14703276

# Rectangle

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



12549651



6789668



39670



9796328



# Sweetspot

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



12549651



16244405



12522325



8220245



16579836



8224125



# Same Dimension

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



12549651



16226816



11255571



6183765



10379776



2036480



# Inverse Universe

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



1266879



24055



2560959



5593182



15518



3103



# Previews

## White Background



This preview shows how the Decimal color 12549651 looks on a white background.

## Color Contrast Check

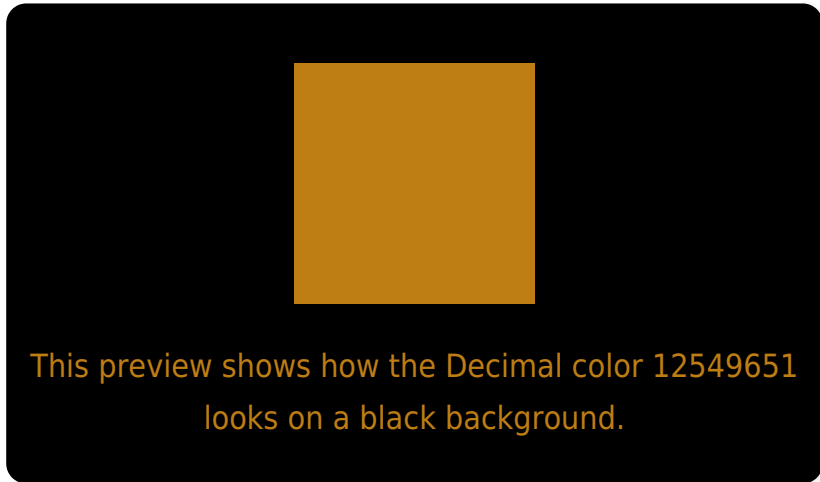
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 12549651 Background



This preview shows how black text looks on a background with the Decimal color 12549651.



This preview shows how white text looks on a background with the Decimal color 12549651.

# 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**  
12549651

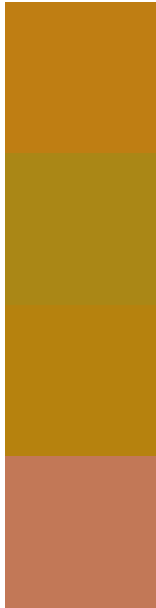
**Protanopia**  
10390551

**Deuteranopia**  
11633931



**Tritanopia**  
12875134

# Trichromacy



**Original Color**  
12549651

**Protanomaly**  
11175702

**Deuteranomaly**  
11960846

**Tritanomaly**  
12744791

# Monochromacy



**Original Color**  
12549651

**Achromatopsia**  
8750469

**Achromatomaly**  
10125916

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12549651 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 #BF7E13 looks like.

```
.text, #text, p{  
  color:#BF7E13  
}
```

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 #BF7E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7E13
}
```

## Border

The CSS property to change the border of an element to Decimal 12549651 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
#BF7E13 }
```

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

```
.border{ border-color:#BF7E13 }
```

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

Here you see how a box with a 4 pixel #BF7E13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7E13; -webkit-box-shadow:4px 4px  
4px 4px #BF7E13; box-shadow:4px 4px 4px  
4px #BF7E13 }
```

# Background

The CSS property to change the background color of an element to Decimal 12549651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7E13 }
```

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

```
.background{ background-color:#BF7E13 }
```

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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