

# Converting Colors

Decimal(12549144)

Have a look what the booklet for  
Decimal(12549144) contains.

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# Color

**Decimal(12549144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF7C18
RGB	191, 124, 24
RGB Percent	75%, 49%, 9%
CMY	0.2510, 0.5137, 0.9059
CMYK	0.00, 0.35, 0.87, 0.25
HSL	36°, 78%, 42%
HSV	36°, 87%, 75%
XYZ	28.8584, 25.5576, 4.2763
YIQ	132.6330, 72.0320, -16.8960

# Conversions

## Conversions Part 2

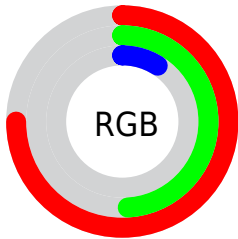
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">136, 191, 24</a>
Decimal	<a href="#">12549144</a>
CIELab	<a href="#">57.61, 18.75, 58.94</a>
CIELCh	<a href="#">58, 61.851, 72.350</a>
Yxy	<a href="#">25.5576, 0.4917, 0.4355</a>
Android (android.graphics.Color)	<a href="#">4290739224</a> (0xFFBF7C18)
YUV	<a href="#">132.6330, -53.5561, 51.1879</a>
Hunter-Lab	<a href="#">50.5545, 13.4239, 30.3730</a>

# Details

The Decimal color **12549144** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1596351**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16560464**, and **8669952** is the 20% darker color. If you saturate the color by 10%, you get **12547077**, and if you desaturate by 10%, it is **12551211**.

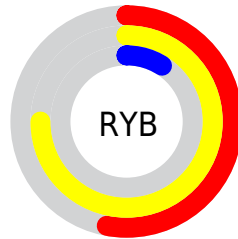
# Distribution



Red (75%)

Green (49%)

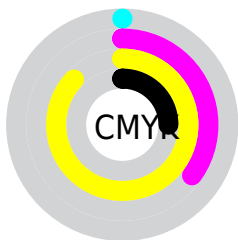
Blue (9%)



Red (53%)

Yellow (75%)

Blue (9%)

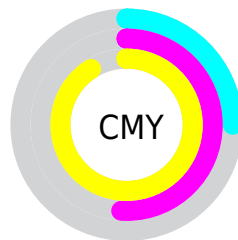


Cyan (0%)

Magenta (35%)

Yellow (87%)

Black (25%)



Cyan (25%)

Magenta (51%)



















Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12549144 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 12549144 by changing the saturation by 10% instead.



 12549144	 12549144
16777215	 10576640
 16560464	 8669952
 16764010	 6763520
 16771205	 4923136
 16777120	 3213824
 16777148	 1245184
 16777176	 0
 16777205	
 12549144	 12549144

12547077

12551211

12546560

12553022

12555089

12557156

12558968

12561035

12563102

12564913

12566980

# Harmonies

## Analogous

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



14705988



12549144



9473799

# Triad

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



12549144



42144



11104987

# Complementary

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



12549144



1596351

# 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.



4229621



12549144



41682

# Square

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



12549144



41576



39409



14375852

# Rectangle

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



12549144



6985764



39409



9468646



# Sweetspot

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



12549144



16244407



12523614



8219990



16579836



8224125



# Same Dimension

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



12549144



16225280



11648792



6183765



10379008



2036224



# Inverse Universe

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



1596351



25591



2496703



5593438



16286



3103



# Previews

## White Background



This preview shows how the Decimal color 12549144 looks on a white background.

## Color Contrast Check

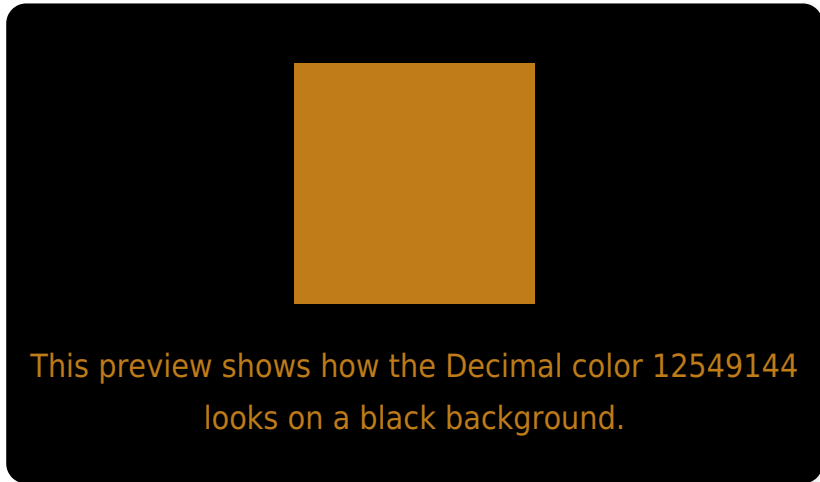
Large Text (above 18pt) WCAG AA ✓ Pass

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 12549144 Background



This preview shows how black text looks on a background with the Decimal color 12549144.



This preview shows how white text looks on a background with the Decimal color 12549144.

# 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**

12549144

**Protanopia**

10259228

**Deuteranopia**

11502610



**Tritanopia**  
12874620

# Trichromacy



**Original Color**  
12549144

**Protanomaly**  
11109915

**Deuteranomaly**  
11895060

**Tritanomaly**  
12744280

# Monochromacy



**Original Color**  
12549144

**Achromatopsia**  
8750469

**Achromatomaly**  
10125917

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12549144 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 #BF7C18 looks like.

```
.text, #text, p{  
    color:#BF7C18  
}
```

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 #BF7C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7C18
}
```

## Border

The CSS property to change the border of an element to Decimal 12549144 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
#BF7C18 }
```

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

```
.border{ border-color:#BF7C18 }
```

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

Here you see how a box with a 4 pixel #BF7C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7C18; -webkit-box-shadow:4px 4px  
4px 4px #BF7C18; box-shadow:4px 4px 4px  
4px #BF7C18 }
```

# Background

The CSS property to change the background color of an element to Decimal 12549144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7C18 }
```

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

```
.background{ background-color:#BF7C18 }
```

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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