

# Converting Colors

Decimal(12090368)

Have a look what the booklet for  
Decimal(12090368) contains.

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**Color**

**Decimal(12090368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B87C00
RGB	184, 124, 0
RGB Percent	72%, 49%, 0%
CMY	0.2784, 0.5137, 1.0000
CMYK	0.00, 0.33, 1.00, 0.28
HSL	40°, 100%, 36%
HSV	40°, 100%, 72%
XYZ	26.9748, 24.6057, 3.3276
YIQ	127.8040, 75.5640, -25.8440

# Conversions

## Conversions Part 2

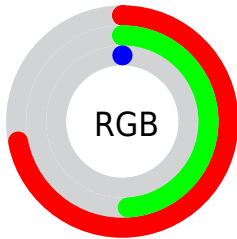
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 184, 0
Decimal	12090368
CIE <sub>Lab</sub>	56.69, 15.27, 62.80
CIE <sub>LCh</sub>	57, 64.625, 76.336
Yxy	24.6057, 0.4913, 0.4481
Android (android.graphics.Color)	4290280448 (0xFFB87C00)
YUV	127.8040, -63.0074, 49.2839
Hunter-Lab	49.6041, 10.2616, 30.7454

# Details

The Decimal color **12090368** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **15544**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16101444**, and **8211200** is the 20% darker color. If you saturate the color by 10%, you get **12090368**, and if you desaturate by 10%, it is **12091922**.

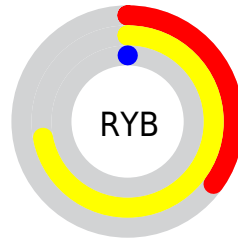
# Distribution



Red (72%)

Green (49%)

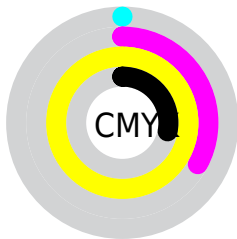
Blue (0%)



Red (35%)

Yellow (72%)

Blue (0%)

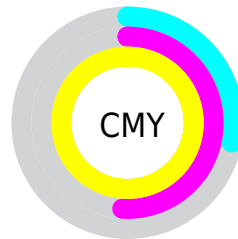


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12090368 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 12090368 by changing the saturation by 10% instead.



 12090368	 12090368
 16777215	 10117888
 16101444	 8211200
 16763999	 6370560
 16771194	 4529920
 16777109	 2820864
 16777137	 196608
 16777165	 0
 16777194	
 12090368	

 12091922

 12093477

 12095031

 12096586

 12098140

 12099694

 12101249

 12102803

 12104358

# Harmonies

## Analogous

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



14443576



12090368



8818432

# Triad

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



12090368



41638



11627222

# Complementary

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



12090368



15544

# 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.



5014773



12090368



40921

# Square

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



12090368



41067



38646



14701220

# Rectangle

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



12090368



6068001



38646



9991139



# Sweetspot

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



12090368



15784104



12058685



7891533



16250871



7895160



# Same Dimension

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



12090368



15770112



10074112



6052179



10250496



1839872



# Inverse Universe

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



15544



20208



2031800



5461596



13212

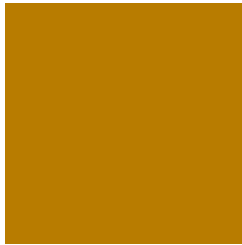


2332



# Previews

## White Background



This preview shows how the Decimal color 12090368 looks on a white background.

## Color Contrast Check

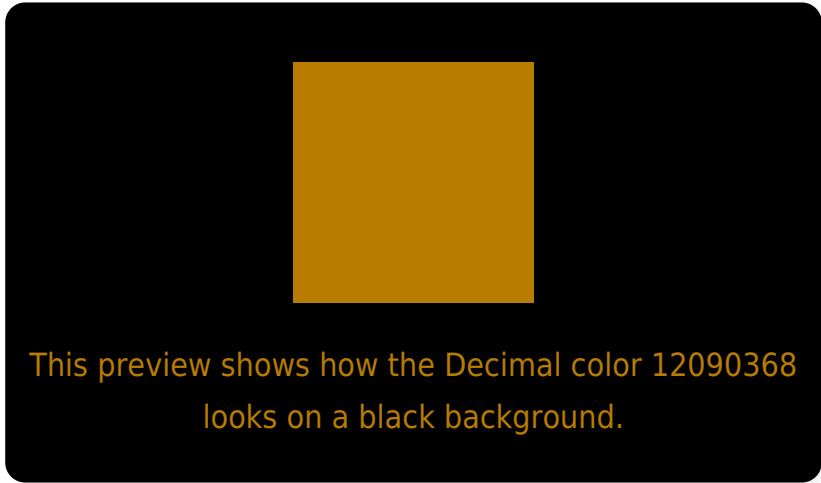
Large Text (above 18pt) WCAG AA ✓ Pass

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 12090368 Background



This preview shows how black text looks on a background with the Decimal color 12090368.



This preview shows how white text looks on a background with the Decimal color 12090368.

# 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**  
12090368

**Protanopia**  
10127628

**Deuteranopia**  
11370752



**Tritanopia**  
12415868

# Trichromacy



**Original Color**  
12090368

**Protanomaly**  
10847240

**Deuteranomaly**  
11632384

**Tritanomaly**  
12285519

# Monochromacy



**Original Color**  
12090368

**Achromatopsia**  
8421504

**Achromatomaly**  
9731921

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12090368 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 #B87C00 looks like.

```
.text, #text, p{  
  color:#B87C00  
}
```

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 #B87C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87C00
}
```

## Border

The CSS property to change the border of an element to Decimal 12090368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

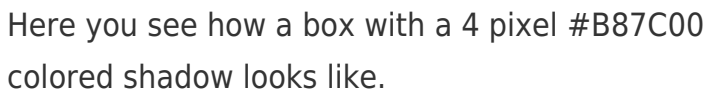
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B87C00 }
```

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

```
.border{ border-color:#B87C00 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a 4px orange shadow. The text inside the box reads: "Here you see how a box with a 4 pixel #B87C00 colored shadow looks like." The shadow is a thick orange line that is 4 pixels wide and follows the bottom and right edges of the box.

Here you see how a box with a 4 pixel #B87C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87C00; -webkit-box-shadow:4px 4px  
4px 4px #B87C00; box-shadow:4px 4px 4px  
4px #B87C00 }
```

# Background

The CSS property to change the background color of an element to Decimal 12090368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87C00 }
```

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

```
.background{ background-color:#B87C00 }
```

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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