

# Converting Colors

Decimal(11824896)

Have a look what the booklet for  
Decimal(11824896) contains.

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**Color**

**Decimal(11824896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B46F00
RGB	180, 111, 0
RGB Percent	71%, 44%, 0%
CMY	0.2941, 0.5647, 1.0000
CMYK	0.00, 0.38, 1.00, 0.29
HSL	37°, 100%, 35%
HSV	37°, 100%, 71%
XYZ	24.5068, 21.0722, 2.7757
YIQ	118.9770, 76.7550, -19.8930

# Conversions

## Conversions Part 2

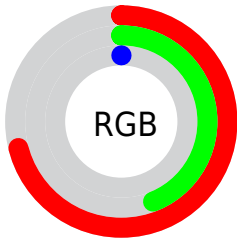
Format	Color
R <sub>Y</sub> B	112, 180, 0
Decimal	11824896
CIE Lab	53.03, 20.70, 60.15
CIE LCh	53, 63.616, 71.008
Yxy	21.0722, 0.5068, 0.4358
Android (android.graphics.Color)	4290014976 (0xFFB46F00)
YUV	118.9770, -58.6557, 53.5172
Hunter-Lab	45.9044, 14.9623, 28.5480

# Details

The Decimal color **11824896** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **17844**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **15835969**, and **7945984** is the 20% darker color. If you saturate the color by 10%, you get **11824896**, and if you desaturate by 10%, it is **11826706**.

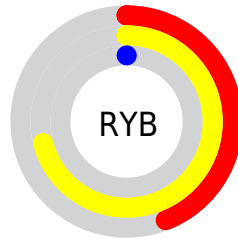
# Distribution



Red (71%)

Green (44%)

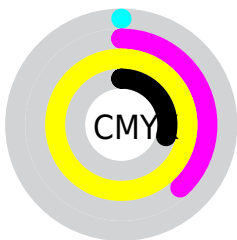
Blue (0%)



Red (44%)

Yellow (71%)

Blue (0%)

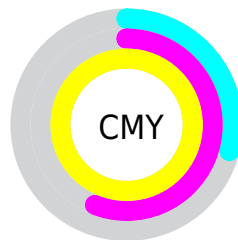


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (56%)
















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11824896 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 11824896 by changing the saturation by 10% instead.



 11824896	 11824896
16777215	 9852416
 15835969	 7945984
 16760411	 6039808
 16767606	 4264704
 16774801	 2621440
 16777133	 0
 16777161	
 16777189	
 11824896	

 11826706

 11828516

 11830326

 11832136

 11833946

 11835500

 11837310

 11839120

 11840930

# Harmonies

## Analogous

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



13915705



11824896



8815104

# Triad

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



11824896



39058



10118866

# Complementary

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



11824896



17844

# 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.



556779



11824896



38597

# Square

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



11824896



38233



36582



13520292

# Rectangle

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



11824896



6261515



36582



8286173



# Sweetspot

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



11824896



15454372



11796549



7693643



16119285



7697781



# Same Dimension

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



11824896



15438080



10466304



5854800



10051072



1708032



# Inverse Universe

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



17844



23275



1376436



5264473



15257

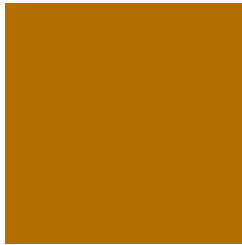


2586



# Previews

## White Background



This preview shows how the Decimal color 11824896 looks on a white background.

## Color Contrast Check

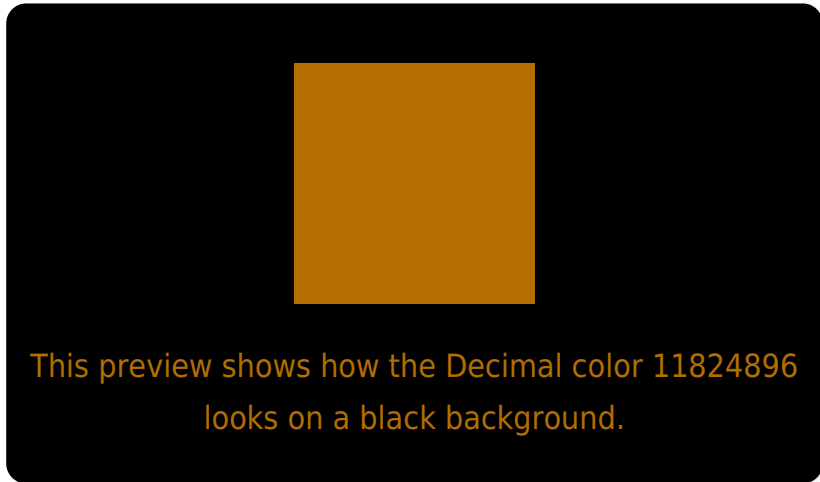
Large Text (above 18pt) WCAG AA ✓ Pass

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 11824896 Background



This preview shows how black text looks on a background with the Decimal color 11824896.



This preview shows how white text looks on a background with the Decimal color 11824896.

# 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**  
11824896

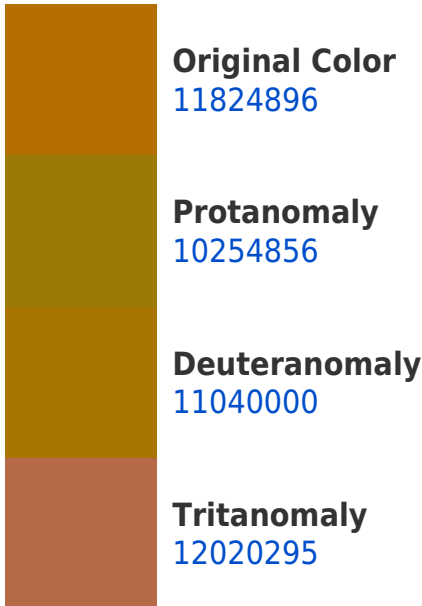
**Protanopia**  
9404429

**Deuteranopia**  
10582272

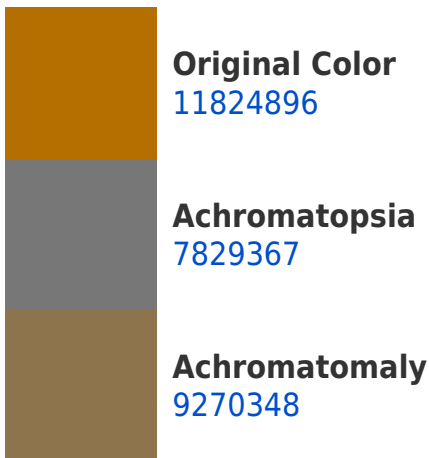


**Tritanopia**  
12085103

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11824896 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 #B46F00 looks like.

```
.text, #text, p{  
    color:#B46F00  
}
```

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 #B46F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46F00
}
```

## Border

The CSS property to change the border of an element to Decimal 11824896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

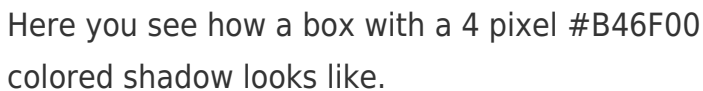
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46F00 }
```

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

```
.border{ border-color:#B46F00 }
```

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. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B46F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46F00; -webkit-box-shadow:4px 4px  
4px 4px #B46F00; box-shadow:4px 4px 4px  
4px #B46F00 }
```

# Background

The CSS property to change the background color of an element to Decimal 11824896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46F00 }
```

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

```
.background{ background-color:#B46F00 }
```

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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