

# Converting Colors

Decimal(11561984)

Have a look what the booklet for  
Decimal(11561984) contains.

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**Color**

**Decimal(11561984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B06C00
RGB	176, 108, 0
RGB Percent	69%, 42%, 0%
CMY	0.3098, 0.5765, 1.0000
CMYK	0.00, 0.39, 1.00, 0.31
HSL	37°, 100%, 35%
HSV	37°, 100%, 69%
XYZ	23.2671, 19.9552, 2.6254
YIQ	116.0200, 75.1960, -19.1720

# Conversions

## Conversions Part 2

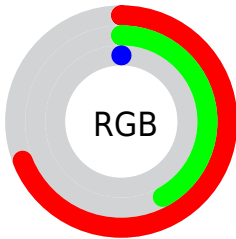
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 176, 0
Decimal	11561984
CIELab	51.79, 20.60, 59.09
CIELCh	52, 62.580, 70.785
Yxy	19.9552, 0.5075, 0.4353
Android (android.graphics.Color)	4289752064 (0xFFB06C00)
YUV	116.0200, -57.1979, 52.6025
Hunter-Lab	44.6713, 14.7971, 27.7853

# Details

The Decimal color **11561984** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **17584**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **15573056**, and **7683072** is the 20% darker color. If you saturate the color by 10%, you get **11561984**, and if you desaturate by 10%, it is **11563794**.

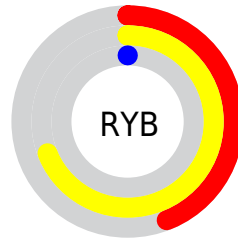
# Distribution



Red (69%)

Green (42%)

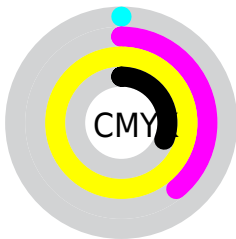
Blue (0%)



Red (44%)

Yellow (69%)

Blue (0%)

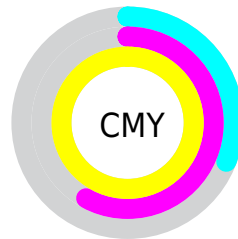


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (58%)

















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11561984 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 11561984 by changing the saturation by 10% instead.



 11561984	 11561984
16777215	 9589760
 15573056	 7683072
 16759642	 5842432
 16766581	 4002048
 16774032	 2490368
 16777131	 0
 16777159	
 16777188	
 11561984	

 11563794

 11565603

 11567157


 11568966

 11570776

 11572586

 11574395

 11575949

 11577758

# Harmonies

## Analogous

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



13653048



11561984



8617728

# Triad

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



11561984



38030



9856205

# Complementary

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



11561984



17584

# 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.



31717



11561984



37569

# Square

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



11561984



37462



35809



13192096

# Rectangle

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



11561984



6129674



35809



8023256



# Sweetspot

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



11561984



15125409



11534406



7562057



15921906



7566195



# Same Dimension

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



11561984



15109376



10399744



5854800



10051072



1708032



# Inverse Universe

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



17584



23014



1179824



5264473



15257

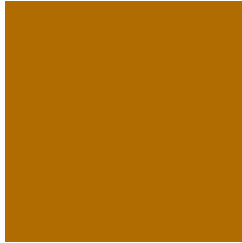


2586



# Previews

## White Background



This preview shows how the Decimal color 11561984 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



This preview shows how the Decimal color 11561984 looks on a 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 11561984 Background



This preview shows how black text looks on a background with the Decimal color 11561984.



This preview shows how white text looks on a background with the Decimal color 11561984.

# 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**  
11561984

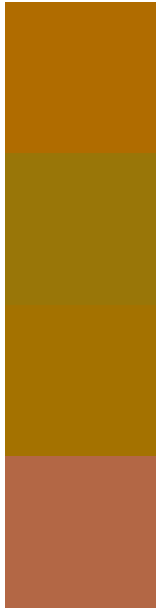
**Protanopia**  
9206797

**Deuteranopia**  
10319360



**Tritanopia**  
11822188

# Trichromacy



**Original Color**  
11561984

**Protanomaly**  
10057224

**Deuteranomaly**  
10777088

**Tritanomaly**  
11757381

# Monochromacy



**Original Color**  
11561984

**Achromatopsia**  
7631988

**Achromatomaly**  
9072970

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11561984 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 #B06C00 looks like.

```
.text, #text, p{  
    color:#B06C00  
}
```

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 #B06C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06C00
}
```

## Border

The CSS property to change the border of an element to Decimal 11561984 is called "border". The border property can be set on classes, ids or directly on the HTML element.

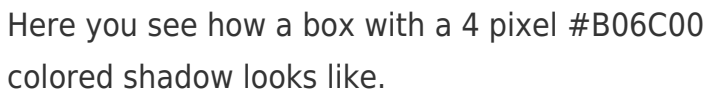
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B06C00 }
```

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

```
.border{ border-color:#B06C00 }
```

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 #B06C00 colored shadow looks like." The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #B06C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06C00; -webkit-box-shadow:4px 4px  
4px 4px #B06C00; box-shadow:4px 4px 4px  
4px #B06C00 }
```

# Background

The CSS property to change the background color of an element to Decimal 11561984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06C00 }
```

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

```
.background{ background-color:#B06C00 }
```

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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