

# Converting Colors

Decimal(11236130)

Have a look what the booklet for  
Decimal(11236130) contains.

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# Color

**Decimal(11236130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB7322
RGB	171, 115, 34
RGB Percent	67%, 45%, 13%
CMY	0.3294, 0.5490, 0.8667
CMYK	0.00, 0.33, 0.80, 0.33
HSL	35°, 67%, 40%
HSV	35°, 80%, 67%
XYZ	23.2141, 21.0349, 4.3500
YIQ	122.5100, 59.3770, -13.3190

# Conversions

## Conversions Part 2

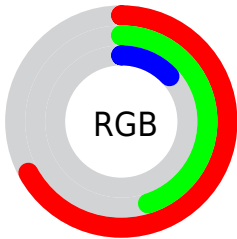
Format	Color
R <sub>Y</sub> B	129, 171, 34
Decimal	11236130
CIE Lab	52.99, 15.18, 50.57
CIE LCh	53, 52.802, 73.292
Yxy	21.0349, 0.4777, 0.4328
Android (android.graphics.Color)	4289426210 (0xFFAB7322)
YUV	122.5100, -43.6354, 42.5257
Hunter-Lab	45.8638, 10.0865, 26.4812

# Details

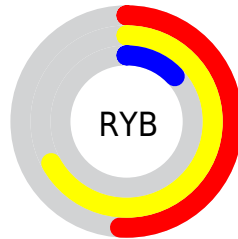
The Decimal color **11236130** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2251435**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **15116117**, and **7488256** is the 20% darker color. If you saturate the color by 10%, you get **11234321**, and if you desaturate by 10%, it is **11237939**.

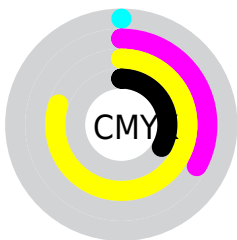
# Distribution



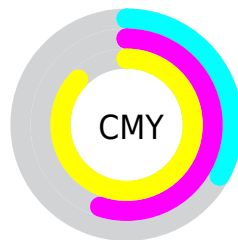
- Red (67%)
- Green (45%)
- Blue (13%)



- Red (51%)
- Yellow (67%)
- Blue (13%)



- Cyan (0%)
- Magenta (33%)
- Yellow (80%)
- Black (33%)



- Cyan (33%)
- Magenta (55%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11236130 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 11236130 by changing the saturation by 10% instead.




 11236130

 11236130

16777215

 9329154

 15116117

 7488256

 16761455

 5647616

 16768649

 3872768

 16776100

 2293760

 16777152

 0

 16777181

 16777209

 11236130

 11236130

■ 11234321

■ 11237939

■ 11232512

■ 11239748

■ 11241557

■ 11243366

■ 11245175

■ 11246985

■ 11248794

■ 11250603

■ 11252412

# Harmonies

## Analogous

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



13066562



11236130



8618779

# Triad

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



11236130



38034



10185409

# Complementary

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



11236130



2251435

# 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.



5012951



11236130



37564

# Square

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



11236130



37731



35797



12867738

# Rectangle

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



11236130



6523436



35797



8810699



# Sweetspot

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



11236130



14600361



11215451



7365456



15790320



7368816



# Same Dimension

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



11236130



14583561



10529570



5722958



9853184



1510912



# Inverse Universe

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



2251435



614622



2957995



5132887



15766



2327



# Previews

## White Background



This preview shows how the Decimal color 11236130 looks on a white background.

## Color Contrast Check

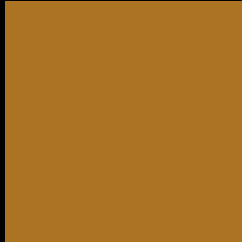
Large Text (above 18pt) WCAG AA ✓ Pass

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 11236130 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 11236130 Background



This preview shows how black text looks on a background with the Decimal color 11236130.



This preview shows how white text looks on a background with the Decimal color 11236130.

# 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**  
11236130

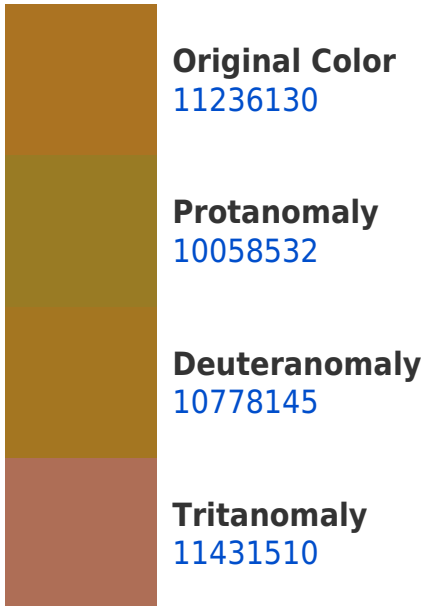
**Protanopia**  
9338661

**Deuteranopia**  
10516512

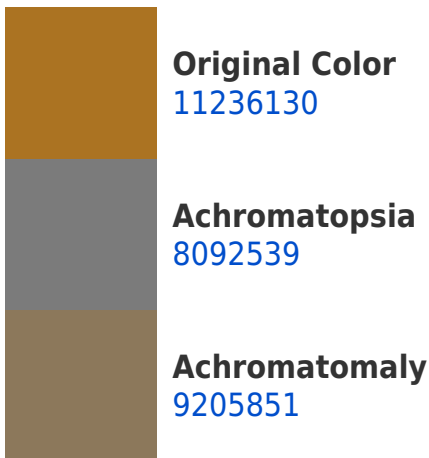


**Tritanopia**  
11561843

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11236130 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 #AB7322 looks like.

```
.text, #text, p{  
  color:#AB7322  
}
```

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 #AB7322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7322  
}
```

## Border

The CSS property to change the border of an element to Decimal 11236130 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  
#AB7322 }
```

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

```
.border{ border-color:#AB7322 }
```

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

Here you see how a box with a 4 pixel #AB7322 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7322; -webkit-box-shadow:4px 4px  
4px 4px #AB7322; box-shadow:4px 4px 4px  
4px #AB7322 }
```

# Background

The CSS property to change the background color of an element to Decimal 11236130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7322 }
```

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

```
.background{ background-color:#AB7322 }
```

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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