

# Converting Colors

Decimal(11636021)

Have a look what the booklet for  
Decimal(11636021) contains.

<b>Decimal(11636021)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(11636021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B18D35
RGB	177, 141, 53
RGB Percent	69%, 55%, 21%
CMY	0.3059, 0.4471, 0.7922
CMYK	0.00, 0.20, 0.70, 0.31
HSL	43°, 54%, 45%
HSV	43°, 70%, 69%
XYZ	28.2989, 28.6539, 7.4074
YIQ	141.7320, 49.7040, -19.7360

# Conversions

## Conversions Part 2

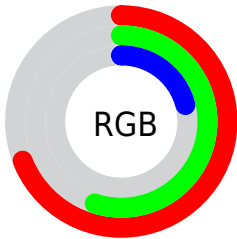
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 177, 53
Decimal	11636021
CIELab	60.47, 4.24, 50.21
CIELCh	60, 50.387, 85.174
Yxy	28.6539, 0.4397, 0.4452
Android (android.graphics.Color)	4289826101 (0xFFB18D35)
YUV	141.7320, -43.7449, 30.9300
Hunter-Lab	53.5293, 0.6899, 29.2660

# Details

The Decimal color **11636021** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3496369**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **15516264**, and **7953152** is the 20% darker color. If you saturate the color by 10%, you get **11634723**, and if you desaturate by 10%, it is **11637319**.

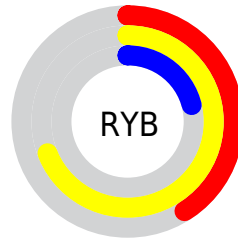
# Distribution



Red (69%)

Green (55%)

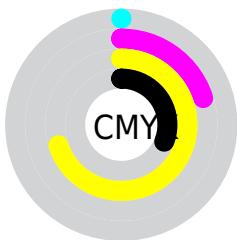
Blue (21%)



Red (41%)

Yellow (69%)

Blue (21%)

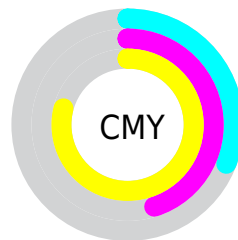


Cyan (0%)

Magenta (20%)

Yellow (70%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11636021 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 11636021 by changing the saturation by 10% instead.



 11636021       11636021

16777215       9794586

 15516264       7953152

 16768643       6177792


 16776094       4402688

 16777145       2693632

 16777173       851968

 16777202       0

 11636021       11636021

 11634723       11637319

■ 11633426

■ 11638616

■ 11632128

■ 11639914

■ 11641468

■ 11642766

■ 11644063

■ 11645361

■ 11646659

■ 11647956

# Harmonies

## Analogous

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



13794378



11636021



8821309

# Triad

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



11636021



43190



12744645

# Complementary

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



11636021



3496369

# 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.



8948194



11636021



41946

# Square

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



11636021



42889



39402



14642075

# Rectangle

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



11636021



6529360



39402



11697617



# Sweetspot

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



11636021



15128757



11613530



7563862



15921906



7566195



# Same Dimension

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



11636021



15117861



10006837



5855056



10054912



1708544



# Inverse Universe

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



3496369



2448870



5125553



5264217



11417



1818



# Previews

## White Background



This preview shows how the Decimal color 11636021 looks on a white background.

## Color Contrast Check

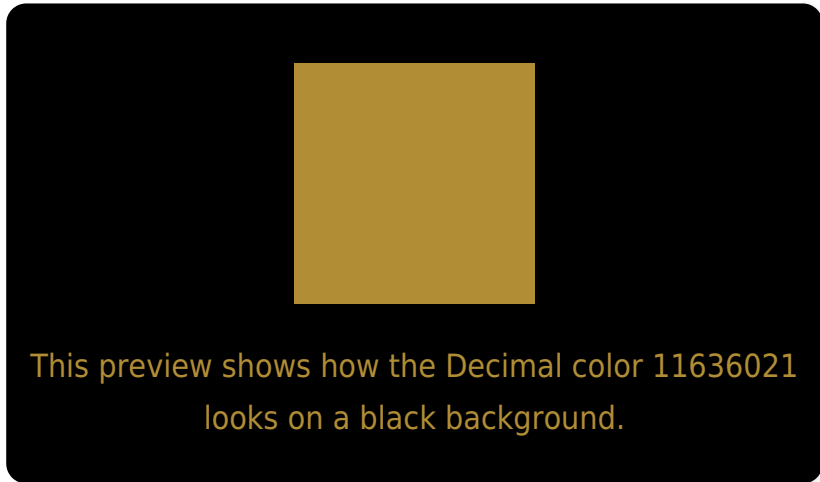
Large Text (above 18pt) WCAG AA ✓ Pass

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 11636021 Background



This preview shows how black text looks on a background with the Decimal color 11636021.



This preview shows how white text looks on a background with the Decimal color 11636021.

# 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**  
11636021

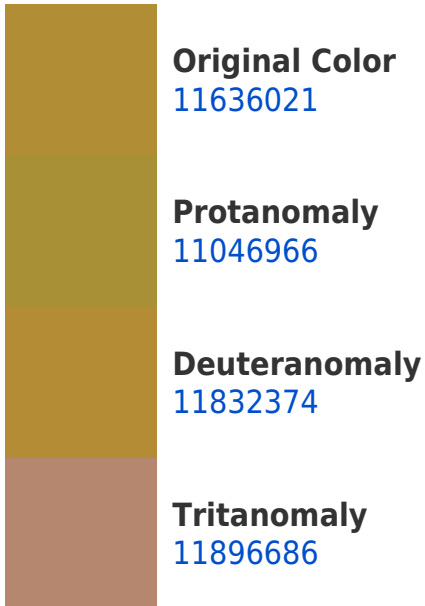
**Protanopia**  
10719798

**Deuteranopia**  
11963190



**Tritanopia**  
12092558

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11636021 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 #B18D35 looks like.

```
.text, #text, p{  
    color:#B18D35  
}
```

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 #B18D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B18D35
}
```

## Border

The CSS property to change the border of an element to Decimal 11636021 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
#B18D35 }
```

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

```
.border{ border-color:#B18D35 }
```

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

Here you see how a box with a 4 pixel #B18D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B18D35; -webkit-box-shadow:4px 4px  
4px 4px #B18D35; box-shadow:4px 4px 4px  
4px #B18D35 }
```

# Background

The CSS property to change the background color of an element to Decimal 11636021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B18D35 }
```

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

```
.background{ background-color:#B18D35 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor