

# Converting Colors

Decimal(11705882)

Have a look what the booklet for  
Decimal(11705882) contains.

<b>Decimal(11705882)</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(11705882)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B29E1A
RGB	178, 158, 26
RGB Percent	70%, 62%, 10%
CMY	0.3020, 0.3804, 0.8980
CMYK	0.00, 0.11, 0.85, 0.30
HSL	52°, 75%, 40%
HSV	52°, 85%, 70%
XYZ	30.7734, 33.9933, 5.9167
YIQ	148.9320, 54.2920, -36.8120

# Conversions

## Conversions Part 2

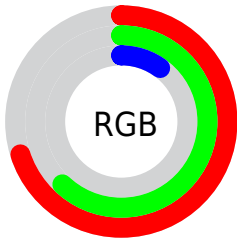
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">49, 178, 26</a>
Decimal	<a href="#">11705882</a>
CIELab	<a href="#">64.96, -5.62, 63.83</a>
CIELCh	<a href="#">65, 64.075, 95.032</a>
Yxy	<a href="#">33.9933, 0.4354, 0.4809</a>
Android (android.graphics.Color)	<a href="#">4289895962 (0xFFB29E1A)</a>
YUV	<a href="#">148.9320, -60.6055, 25.4926</a>
Hunter-Lab	<a href="#">58.3038, -7.8172, 34.7958</a>

# Details

The Decimal color **11705882** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1715890**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **15586389**, and **7957248** is the 20% darker color. If you saturate the color by 10%, you get **11705352**, and if you desaturate by 10%, it is **11706412**.

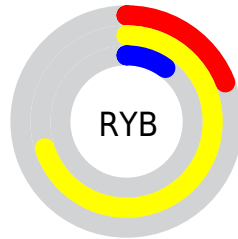
# Distribution



Red (70%)

Green (62%)

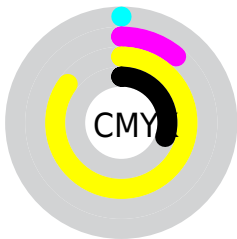
Blue (10%)



Red (19%)

Yellow (70%)

Blue (10%)

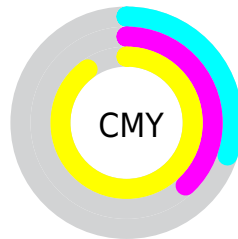


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (30%)



Cyan (30%)

Magenta (38%)





















Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11705882 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 11705882 by changing the saturation by 10% instead.



 11705882	 11705882
 16777215	 9798656
 15586389	 7957248
 16773233	 6181632
 16777100	 4406272
 16777128	 2696960
 16777156	 856832
 16777185	 0
 11705882	 11705882
 11705352	 11706412

■ 11705088

■ 11707198

■ 11707727

■ 11708257

■ 11709043

■ 11709573

■ 11710103

■ 11710888

■ 11711418

# Harmonies

## Analogous

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



14780721



11705882



7777591

# Triad

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



11705882



47326



15364815

# Complementary

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



11705882



1715890

# 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.



11307772



11705882



45311

# Square

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



11705882



47526



1024511



16737942

# Rectangle

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



11705882



3978072



1024511



14318048



# Sweetspot

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



11705882



15261868



11672110



7696721



16119285



7697781



# Same Dimension

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



11705882



15256064



8040986



5855312



10061056



1709568



# Inverse Universe

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



1715890



8168



5380786



5263705



5273



794



# Previews

## White Background



This preview shows how the Decimal color 11705882 looks on a white background.

## Color Contrast Check

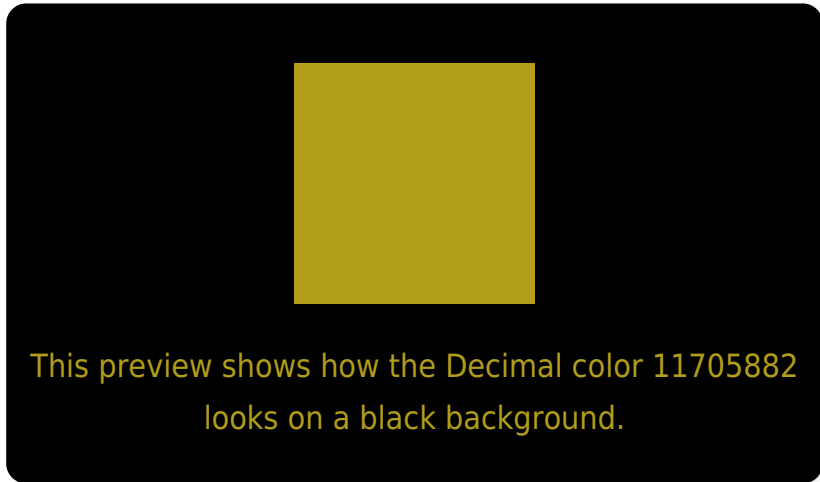
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11705882 Background



This preview shows how black text looks on a background with the Decimal color 11705882.



This preview shows how white text looks on a background with the Decimal color 11705882.

# 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**

11705882

**Protanopia**

11705882

**Deuteranopia**

13080096



**Tritanopia**  
12293022

# Trichromacy



**Original Color**  
11705882

**Protanomaly**  
11705882

**Deuteranomaly**  
12556574

**Tritanomaly**  
12097390

# Monochromacy



**Original Color**  
11705882

**Achromatopsia**  
9803157

**Achromatomaly**  
10524776

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11705882 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 #B29E1A looks like.

```
.text, #text, p{  
    color:#B29E1A  
}
```

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 #B29E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B29E1A
}
```

## Border

The CSS property to change the border of an element to Decimal 11705882 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
#B29E1A }
```

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

```
.border{ border-color:#B29E1A }
```

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

Here you see how a box with a 4 pixel #B29E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B29E1A; -webkit-box-shadow:4px 4px  
4px 4px #B29E1A; box-shadow:4px 4px 4px  
4px #B29E1A }
```

# Background

The CSS property to change the background color of an element to Decimal 11705882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B29E1A }
```

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

```
.background{ background-color:#B29E1A }
```

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