

# Converting Colors

Decimal(11448420)

Have a look what the booklet for  
Decimal(11448420) contains.

<b>Decimal(11448420)</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(11448420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEB064
RGB	174, 176, 100
RGB Percent	68%, 69%, 39%
CMY	0.3176, 0.3098, 0.6078
CMYK	0.01, 0.00, 0.43, 0.31
HSL	62°, 32%, 54%
HSV	62°, 43%, 69%
XYZ	35.2811, 40.9694, 18.1050
YIQ	166.7380, 23.2040, -24.0600

# Conversions

## Conversions Part 2

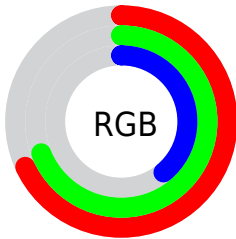
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 176, 102</a>
Decimal	<a href="#">11448420</a>
<a href="#">CIELab</a>	<a href="#">70.15, -12.02, 38.56</a>
<a href="#">CIELCh</a>	<a href="#">70, 40.392, 107.307</a>
<a href="#">Yxy</a>	<a href="#">40.9694, 0.3739, 0.4342</a>
Android (android.graphics.Color)	<a href="#">4289638500</a> (0xFFAEB064)
<a href="#">YUV</a>	<a href="#">166.7380, -32.9018, 6.3688</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.0074, -13.6229, 28.0345</a>

# Details

The Decimal color **11448420** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6710448**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **15198104**, and **7896115** is the 20% darker color. If you saturate the color by 10%, you get **11448402**, and if you desaturate by 10%, it is **11448438**.

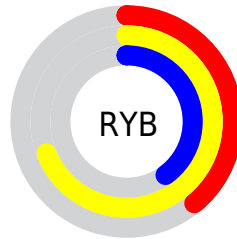
# Distribution



Red (68%)

Green (69%)

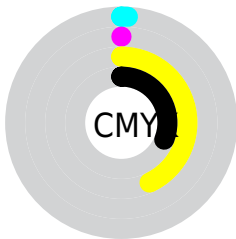
Blue (39%)



Red (39%)

Yellow (69%)

Blue (40%)

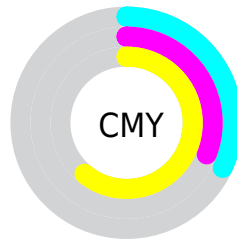


Cyan (1%)

Magenta (0%)

Yellow (43%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11448420 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 11448420 by changing the saturation by 10% instead.




 11448420

 11448420

16777215

 9672011

 15198104

 7896115

 16777139

 6185754

 16777167

 4541184

 16777196

 2962432

 1384192

 256

 0

 11448420

 11448420

■ 11448402

■ 11448438

■ 11382849

■ 11513991

■ 11382831

■ 11514009

■ 11317278

■ 11579562

■ 11317260

■ 11579580

■ 11251712

■ 11645134

■ 11645151

■ 11710705

■ 11710719

# Harmonies

## Analogous

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



13739108



11448420



8698232

# Triad

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



11448420



48352



15306941

# Complementary

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



11448420



6710448

# 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.



13277918



11448420



5682418

# Square

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



11448420



49088



10004721



15962007

# Rectangle

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



11448420



6667662



10004721



14783433



# Sweetspot

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



11448420



15066824



11560292



7500640



15921906



7566195



# Same Dimension

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



11448420



14870126



9023588



5855568



9804032



1645056



# Inverse Universe

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



6710448



7433958



9135280



5328985



262297



65562



# Previews

## White Background



This preview shows how the Decimal color 11448420 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



This preview shows how the Decimal color 11448420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

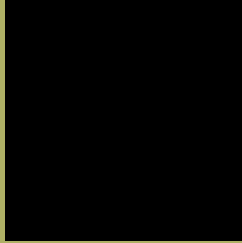
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11448420 Background



This preview shows how black text looks on a background with the Decimal color 11448420.



This preview shows how white text looks on a background with the Decimal color 11448420.

# 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**  
11448420

**Protanopia**  
12364642

**Deuteranopia**  
13673575



**Tritanopia**  
12036020

# Trichromacy



**Original Color**  
11448420

**Protanomaly**  
12037475

**Deuteranomaly**  
12888166

**Tritanomaly**  
11840151

# Monochromacy



**Original Color**  
11448420

**Achromatopsia**  
10987431

**Achromatomaly**  
11184783

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11448420 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 #AEB064 looks like.

```
.text, #text, p{  
    color:#AEB064  
}
```

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 #AEB064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB064  
}
```

## Border

The CSS property to change the border of an element to Decimal 11448420 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  
#AEB064 }
```

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

```
.border{ border-color:#AEB064 }
```

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

Here you see how a box with a 4 pixel #AEB064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB064; -webkit-box-shadow:4px 4px  
4px 4px #AEB064; box-shadow:4px 4px 4px  
4px #AEB064 }
```

# Background

The CSS property to change the background color of an element to Decimal 11448420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB064 }
```

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

```
.background{ background-color:#AEB064 }
```

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