

# Converting Colors

Decimal(12752138)

Have a look what the booklet for  
Decimal(12752138) contains.

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# **Color**

**Decimal(12752138)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2950A
RGB	194, 149, 10
RGB Percent	76%, 58%, 4%
CMY	0.2392, 0.4157, 0.9608
CMYK	0.00, 0.23, 0.95, 0.24
HSL	45°, 90%, 40%
HSV	45°, 95%, 76%
XYZ	33.0504, 32.9861, 4.9122
YIQ	146.6090, 71.4390, -33.6890

# Conversions

## Conversions Part 2

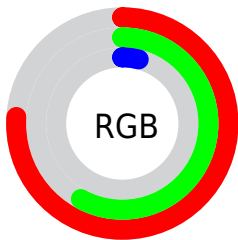
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 194, 10
Decimal	12752138
CIELab	64.15, 6.13, 66.99
CIELCh	64, 67.271, 84.774
Yxy	32.9861, 0.4658, 0.4649
Android (android.graphics.Color)	4290942218 (0xFFC2950A)
YUV	146.6090, -67.3482, 41.5619
Hunter-Lab	57.4336, 2.2098, 35.1325

# Details

The Decimal color **12752138** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **669634**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **16763725**, and **8872704** is the 20% darker color. If you saturate the color by 10%, you get **12751616**, and if you desaturate by 10%, it is **12753437**.

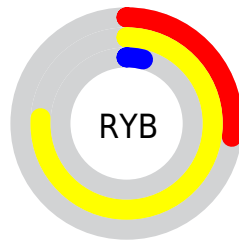
# Distribution



Red (76%)

Green (58%)

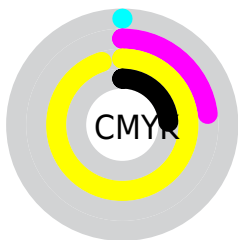
Blue (4%)



Red (27%)

Yellow (76%)

Blue (4%)

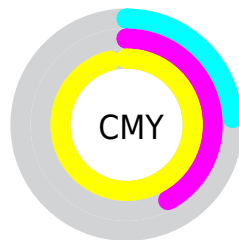


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12752138 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 12752138 by changing the saturation by 10% instead.



 12752138

 12752138

16777215

 10779392

 16763725

 8872704

 16770920

 7031552

 16777092

 5190912

 16777120

 3481600

 16777148

 1837568

 16777177

 0

 16777206

 12752138

 12752138

■ 12751616

■ 12753437

■ 12754481

■ 12755780

■ 12757080

■ 12758379

■ 12759422

■ 12760722

■ 12762021

■ 12763321

# Harmonies

## Analogous

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



15629624



12752138



9021213

# Triad

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



12752138



47052



14317026

# Complementary

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



12752138



669634

# 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.



8884479



12752138



45821

# Square

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



12752138



46991



42751



16736681

# Rectangle

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



12752138



5746495



42751



12877553

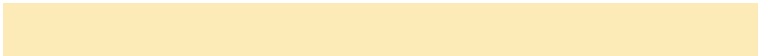


# Sweetspot

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



12752138



16575414



12716600



8418644



0



8421504



# Same Dimension

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



12752138



16563968



9749002



6381399



10582272



2169088



# Inverse Universe

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



669634



16124



3672770



5724769



10145

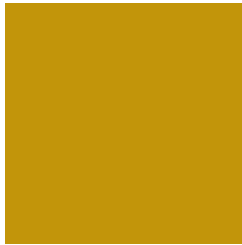


2081



# Previews

## White Background



This preview shows how the Decimal color 12752138 looks on a white background.

## Color Contrast Check

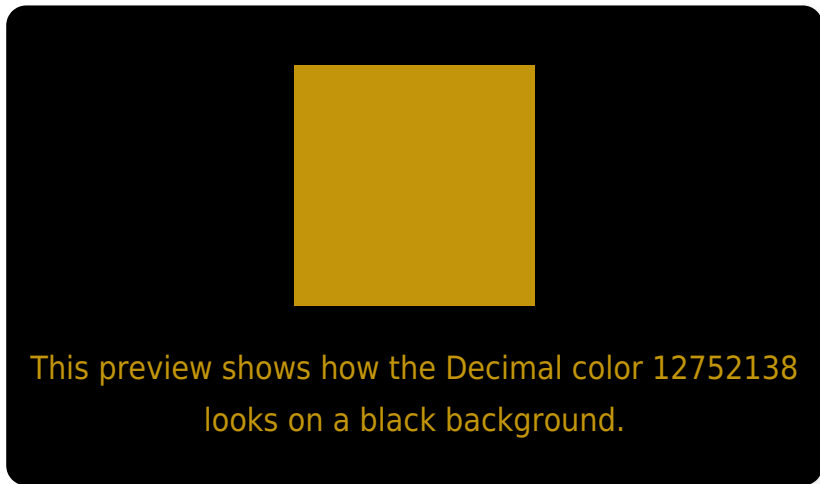
Large Text (above 18pt) WCAG AA × Fail

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 12752138 Background



This preview shows how black text looks on a background with the Decimal color 12752138.



This preview shows how white text looks on a background with the Decimal color 12752138.

# 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**  
12752138

**Protanopia**  
11574286

**Deuteranopia**  
12948493



**Tritanopia**  
13208469

# Trichromacy



**Original Color**  
12752138

**Protanomaly**  
12032269

**Deuteranomaly**  
12882956

**Tritanomaly**  
13012834

# Monochromacy



**Original Color**  
12752138

**Achromatopsia**  
9671571

**Achromatomaly**  
10785889

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12752138 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 #C2950A looks like.

```
.text, #text, p{  
    color:#C2950A  
}
```

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 #C2950A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2950A
}
```

## Border

The CSS property to change the border of an element to Decimal 12752138 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
#C2950A }
```

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

```
.border{ border-color:#C2950A }
```

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

Here you see how a box with a 4 pixel #C2950A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2950A; -webkit-box-shadow:4px 4px  
4px 4px #C2950A; box-shadow:4px 4px 4px  
4px #C2950A }
```

# Background

The CSS property to change the background color of an element to Decimal 12752138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2950A }
```

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

```
.background{ background-color:#C2950A }
```

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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