

# Converting Colors

Decimal(12492353)

Have a look what the booklet for  
Decimal(12492353) contains.

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# **Color**

**Decimal(12492353)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE9E41
RGB	190, 158, 65
RGB Percent	75%, 62%, 25%
CMY	0.2549, 0.3804, 0.7451
CMYK	0.00, 0.17, 0.66, 0.25
HSL	45°, 49%, 50%
HSV	45°, 66%, 75%
XYZ	34.4162, 35.7825, 10.0938
YIQ	156.9660, 48.9250, -22.1390

# Conversions

## Conversions Part 2

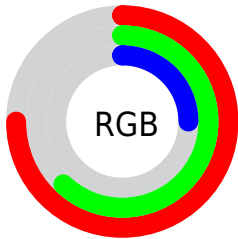
Format	Color
<a href="#">RYB</a>	<a href="#">108, 190, 65</a>
Decimal	<a href="#">12492353</a>
<a href="#">CIELab</a>	<a href="#">66.35, 1.41, 51.47</a>
<a href="#">CIElCh</a>	<a href="#">66, 51.491, 88.434</a>
<a href="#">Yxy</a>	<a href="#">35.7825, 0.4286, 0.4457</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290682433 (0xFFBE9E41)</a>
<a href="#">YUV</a>	<a href="#">156.9660, -45.3392, 28.9708</a>
<a href="#">Hunter-Lab</a>	<a href="#">59.8185, -1.9835, 31.8683</a>

# Details

The Decimal color **12492353** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4284862**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **16372853**, and **8743687** is the 20% darker color. If you saturate the color by 10%, you get **12491054**, and if you desaturate by 10%, it is **12493652**.

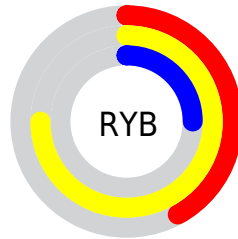
# Distribution



Red (75%)

Green (62%)

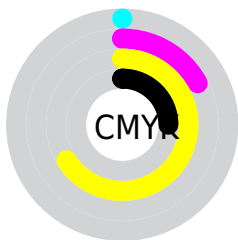
Blue (25%)



Red (42%)

Yellow (75%)

Blue (25%)

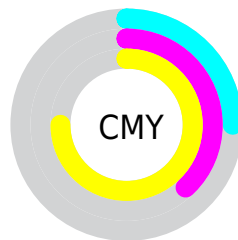


Cyan (0%)

Magenta (17%)

Yellow (66%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12492353 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 12492353 by changing the saturation by 10% instead.



 12492353

 12492353

16777215

 10585127

 16372853

 8743687

 16773520

 6968064

 16777131

 5192704

 16777159

 3483392

 16777187

 1905408

 0

 12492353

 12492353

 12491054

 12493652

12489755

12494951

12488456

12496250

12487936

12497293

12498592

12499891

12501190

12502489

12503788

# Harmonies

## Analogous

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



14847315



12492353



9481292

# Triad

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



12492353



47308



14189778

# Complementary

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



12492353



4284862

# 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.



10524403



12492353



45807

# Square

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



12492353



47261



4106238



16022182

# Rectangle

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



12492353



7058017



4106238



13142751



# Sweetspot

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



12492353



16247750



12468578



8222047



16579836



8224125



# Same Dimension

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



12492353



16237876



10600001



6184021



10384896



2037504



# Inverse Universe

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



4284862



3434231



6177214



5592926



10398



2079



# Previews

## White Background



This preview shows how the Decimal color 12492353 looks on a white background.

## Color Contrast Check

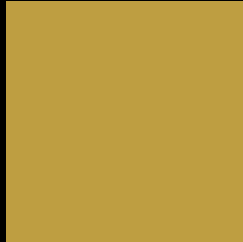
Large Text (above 18pt) WCAG AA × Fail

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 12492353 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 12492353 Background



This preview shows how black text looks on a background with the Decimal color 12492353.

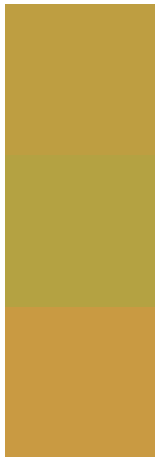


This preview shows how white text looks on a background with the Decimal color 12492353.

# 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**  
12492353

**Protanopia**  
11838018

**Deuteranopia**  
13212226



**Tritanopia**  
12948640

# Trichromacy



**Original Color**  
12492353

**Protanomaly**  
12099906

**Deuteranomaly**  
12950338

**Tritanomaly**  
12753021

# Monochromacy



**Original Color**  
12492353

**Achromatopsia**  
10329501

**Achromatomaly**  
11115900

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12492353 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 #BE9E41 looks like.

```
.text, #text, p{  
    color:#BE9E41  
}
```

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 #BE9E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE9E41
}
```

## Border

The CSS property to change the border of an element to Decimal 12492353 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
#BE9E41 }
```

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

```
.border{ border-color:#BE9E41 }
```

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

Here you see how a box with a 4 pixel #BE9E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE9E41; -webkit-box-shadow:4px 4px  
4px 4px #BE9E41; box-shadow:4px 4px 4px  
4px #BE9E41 }
```

# Background

The CSS property to change the background color of an element to Decimal 12492353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE9E41 }
```

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

```
.background{ background-color:#BE9E41 }
```

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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