

# Converting Colors

Decimal(12492118)

Have a look what the booklet for  
Decimal(12492118) contains.

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# **Color**

**Decimal(12492118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE9D56
RGB	190, 157, 86
RGB Percent	75%, 62%, 34%
CMY	0.2549, 0.3843, 0.6627
CMYK	0.00, 0.17, 0.55, 0.25
HSL	41°, 44%, 54%
HSV	41°, 55%, 75%
XYZ	34.9719, 35.7330, 13.8580
YIQ	158.7730, 42.4590, -15.0850

# Conversions

## Conversions Part 2

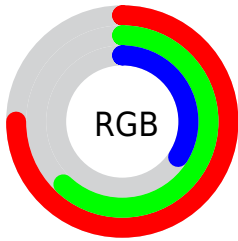
Format	Color
<a href="#">RYB</a>	<a href="#">134, 190, 86</a>
Decimal	<a href="#">12492118</a>
CIELab	<a href="#">66.32, 3.48, 41.32</a>
CIELCh	<a href="#">66, 41.466, 85.188</a>
Yxy	<a href="#">35.7330, 0.4136, 0.4226</a>
Android (android.graphics.Color)	<a href="#">4290682198 (0xFFBE9D56)</a>
YUV	<a href="#">158.7730, -35.8771, 27.3861</a>
Hunter-Lab	<a href="#">59.7771, -0.1805, 28.0988</a>

# Details

The Decimal color **12492118** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5666750**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16307081**, and **8808997** is the 20% darker color. If you saturate the color by 10%, you get **12490563**, and if you desaturate by 10%, it is **12493673**.

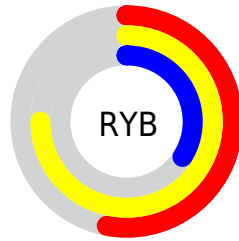
# Distribution



Red (75%)

Green (62%)

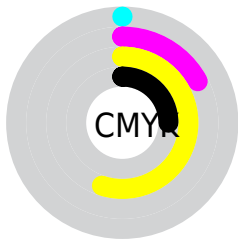
Blue (34%)



Red (53%)

Yellow (75%)

Blue (34%)

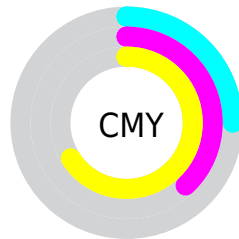


Cyan (0%)

Magenta (17%)

Yellow (55%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12492118 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 12492118 by changing the saturation by 10% instead.



 12492118

 12492118

16777215

 10650429

 16307081

 8808997

 16773284

 7033354

 16777152

 5323520

 16777180

 3614208

 16777209

 2036224

 0

 12492118

 12492118

 12490563

 12493673

 12489008

 12495228

 12487453

 12496783

 12485898

 12498338

 12485120

 12499893

 12501448

 12503003

 12504558

 12506111

# Harmonies

## Analogous

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



14323813



12492118



10070364

# Triad

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



12492118



46272



13274316

# Complementary

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



12492118



5666750

# 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.



10263269



12492118



45277

# Square

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



12492118



3191962



5941227



14976169

# Rectangle

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



12492118



8171115



5941227



12423382



# Sweetspot

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



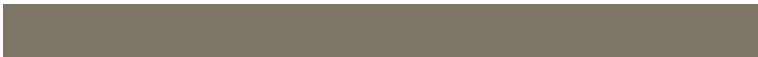
12492118



16247760



12473977



8222053



16579836



8224125



# Same Dimension

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



12492118



16237652



11386454



6183765



10382336



2036992



# Inverse Universe

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



5666750



5540087



6772414



5593182



12958



2591



# Previews

## White Background



This preview shows how the Decimal color 12492118 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 12492118 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 12492118 Background



This preview shows how black text looks on a background with the Decimal color 12492118.



This preview shows how white text looks on a background with the Decimal color 12492118.

# 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**  
12492118

**Protanopia**  
11706968

**Deuteranopia**  
13015639



**Tritanopia**  
12948896

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12492118 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 #BE9D56 looks like.

```
.text, #text, p{  
    color:#BE9D56  
}
```

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 #BE9D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE9D56
}
```

## Border

The CSS property to change the border of an element to Decimal 12492118 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
#BE9D56 }
```

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

```
.border{ border-color:#BE9D56 }
```

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

Here you see how a box with a 4 pixel #BE9D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE9D56; -webkit-box-shadow:4px 4px  
4px 4px #BE9D56; box-shadow:4px 4px 4px  
4px #BE9D56 }
```

# Background

The CSS property to change the background color of an element to Decimal 12492118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE9D56 }
```

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

```
.background{ background-color:#BE9D56 }
```

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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