

# Converting Colors

Decimal(12163914)

Have a look what the booklet for  
Decimal(12163914) contains.

<b>Decimal(12163914)</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(12163914)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99B4A
RGB	185, 155, 74
RGB Percent	73%, 61%, 29%
CMY	0.2745, 0.3922, 0.7098
CMYK	0.00, 0.16, 0.60, 0.27
HSL	44°, 44%, 51%
HSV	44°, 60%, 73%
XYZ	32.9650, 34.2514, 11.3523
YIQ	154.7360, 43.8810, -18.8310

# Conversions

## Conversions Part 2

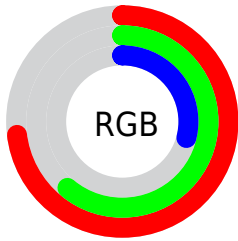
Format	Color
<a href="#">RYB</a>	<a href="#">115, 185, 74</a>
Decimal	<a href="#">12163914</a>
CIELab	<a href="#">65.16, 1.46, 45.80</a>
CIElCh	<a href="#">65, 45.825, 88.171</a>
Yxy	<a href="#">34.2514, 0.4196, 0.4359</a>
Android (android.graphics.Color)	<a href="#">4290353994 (0xFFB99B4A)</a>
YUV	<a href="#">154.7360, -39.8028, 26.5415</a>
Hunter-Lab	<a href="#">58.5247, -1.8752, 29.4665</a>

# Details

The Decimal color **12163914** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4876473**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **15978877**, and **8480791** is the 20% darker color. If you saturate the color by 10%, you get **12162616**, and if you desaturate by 10%, it is **12165213**.

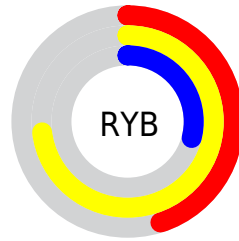
# Distribution



Red (73%)

Green (61%)

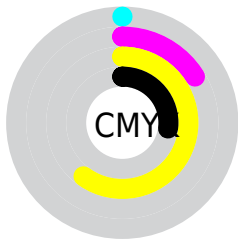
Blue (29%)



Red (45%)

Yellow (73%)

Blue (29%)

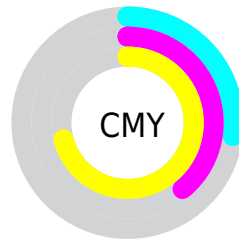


Cyan (0%)

Magenta (16%)

Yellow (60%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 12163914 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 12163914 by changing the saturation by 10% instead.



 12163914       12163914

16777215       10322225

 15978877       8480791

 16772504       6705152

 16777139       4995584

 16777167       3286016

 16777196       1642496

 0

 12163914       12163914

 12162616       12165213

12161317

12166511

12160018

12167810

12158720

12169108

12170407

12171705

12173004

12174302

12175601

# Harmonies

## Analogous

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



14257241



12163914



9480019

# Triad

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



12163914



46020



13600202

# Complementary

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



12163914



4876473

# 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.



10327271



12163914



44515

# Square

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



12163914



45978



5284848



15236258

# Rectangle

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



12163914



7318886



5284848



12683989

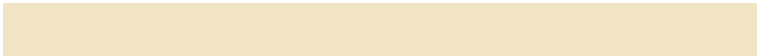


# Sweetspot

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



12163914



15787205



12143209



7893341



16250871



7895160



# Same Dimension

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



12163914



15778115



10598730



6052179



10252800



1840128



# Inverse Universe

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



4876473



4420336



6441657



5461340



10908



2076



# Previews

## White Background



This preview shows how the Decimal color 12163914 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 12163914 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 12163914 Background



This preview shows how black text looks on a background with the Decimal color 12163914.



This preview shows how white text looks on a background with the Decimal color 12163914.

# 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**  
12163914

**Protanopia**  
11509579

**Deuteranopia**  
12818251



**Tritanopia**  
12620445

# Trichromacy



**Original Color**  
12163914

**Protanomaly**  
11771467

**Deuteranomaly**  
12556363

**Tritanomaly**  
12424575

# Monochromacy



**Original Color**  
12163914

**Achromatopsia**  
10197915

**Achromatomaly**  
10918782

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12163914 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 #B99B4A looks like.

```
.text, #text, p{  
    color:#B99B4A  
}
```

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 #B99B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99B4A
}
```

## Border

The CSS property to change the border of an element to Decimal 12163914 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
#B99B4A }
```

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

```
.border{ border-color:#B99B4A }
```

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

Here you see how a box with a 4 pixel #B99B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99B4A; -webkit-box-shadow:4px 4px  
4px 4px #B99B4A; box-shadow:4px 4px 4px  
4px #B99B4A }
```

# Background

The CSS property to change the background color of an element to Decimal 12163914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99B4A }
```

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

```
.background{ background-color:#B99B4A }
```

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