

# Converting Colors

Decimal(12430419)

Have a look what the booklet for  
Decimal(12430419) contains.

<b>Decimal(12430419)</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(12430419)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDAC53
RGB	189, 172, 83
RGB Percent	74%, 67%, 33%
CMY	0.2588, 0.3255, 0.6745
CMYK	0.00, 0.09, 0.56, 0.26
HSL	50°, 45%, 53%
HSV	50°, 56%, 74%
XYZ	37.3001, 40.9484, 14.1215
YIQ	166.9370, 38.7010, -24.0750

# Conversions

## Conversions Part 2

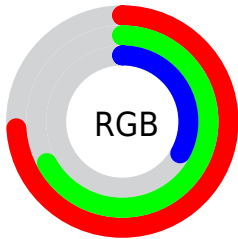
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 189, 83</a>
Decimal	<a href="#">12430419</a>
<a href="#">CIELab</a>	<a href="#">70.14, -5.23, 47.28</a>
<a href="#">CIELCh</a>	<a href="#">70, 47.568, 96.306</a>
<a href="#">Yxy</a>	<a href="#">40.9484, 0.4038, 0.4433</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290620499 (0xFFBDAC53)</a>
<a href="#">YUV</a>	<a href="#">166.9370, -41.3809, 19.3493</a>
<a href="#">Hunter-Lab</a>	<a href="#">63.9909, -7.9370, 31.7095</a>

# Details

The Decimal color **12430419** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5465277**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16245639**, and **8747040** is the 20% darker color. If you saturate the color by 10%, you get **12429632**, and if you desaturate by 10%, it is **12431206**.

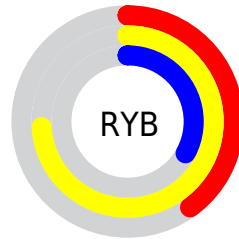
# Distribution



Red (74%)

Green (67%)

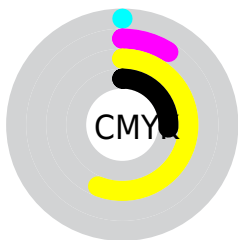
Blue (33%)



Red (40%)

Yellow (74%)

Blue (33%)

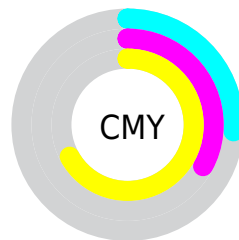


Cyan (0%)

Magenta (9%)

Yellow (56%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12430419 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 12430419 by changing the saturation by 10% instead.



 12430419

 12430419

16777215

 10588730

 16245639

 8747040

 16777122

 6971136

 16777150

 5261312

 16777178

 3617280

 16777207

 1973504

 256

 0

 12430419

 12430419

12429632

12431206

12428845

12431993

12428058

12432780

12427271

12433567

12427008

12434354

12435140

12435927

12436714

12437501

# Harmonies

## Analogous

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



14851420



12430419



9418851

# Triad

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



12430419



49373



15240911

# Complementary

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



12430419



5465277

# 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.



12295665



12430419



47610

# Square

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



12430419



49844



7712255



16615588

# Rectangle

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



12430419



7060858



7712255



1445516



# Sweetspot

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



12430419



16117451



12407653



8025698



16448250



8026746



# Same Dimension

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



12430419



16112209



10141011



6184277



10388736



2038272



# Inverse Universe

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



5465277



5336053



7754685



5592670



6558



1311



# Previews

## White Background



This preview shows how the Decimal color 12430419 looks on a white background.

## Color Contrast Check

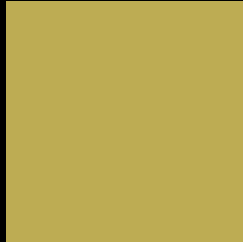
Large Text (above 18pt) WCAG AA × Fail

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 12430419 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

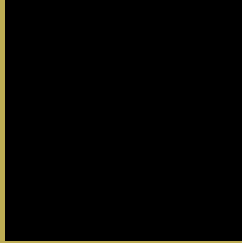
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12430419 Background



This preview shows how black text looks on a background with the Decimal color 12430419.



This preview shows how white text looks on a background with the Decimal color 12430419.

# 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**  
12430419

**Protanopia**  
12495955

**Deuteranopia**  
13869909



**Tritanopia**  
13017775

# Trichromacy



**Original Color**  
12430419

**Protanomaly**  
12495955

**Deuteranomaly**  
13346388

**Tritanomaly**  
12822158

# Monochromacy



**Original Color**  
12430419

**Achromatopsia**  
10987431

**Achromatomaly**  
11512200

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12430419 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 #BDAC53 looks like.

```
.text, #text, p{  
    color:#BDAC53  
}
```

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 #BDAC53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDAC53
}
```

## Border

The CSS property to change the border of an element to Decimal 12430419 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
#BDAC53 }
```

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

```
.border{ border-color:#BDAC53 }
```

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

Here you see how a box with a 4 pixel #BDAC53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDAC53; -webkit-box-shadow:4px 4px  
4px 4px #BDAC53; box-shadow:4px 4px 4px  
4px #BDAC53 }
```

# Background

The CSS property to change the background color of an element to Decimal 12430419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDAC53 }
```

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

```
.background{ background-color:#BDAC53 }
```

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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