

# Converting Colors

Decimal(12430645)

Have a look what the booklet for  
Decimal(12430645) contains.

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# **Color**

**Decimal(12430645)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDAD35
RGB	189, 173, 53
RGB Percent	74%, 68%, 21%
CMY	0.2588, 0.3216, 0.7922
CMYK	0.00, 0.08, 0.72, 0.26
HSL	53°, 56%, 47%
HSV	53°, 72%, 74%
XYZ	36.5724, 40.9630, 9.3472
YIQ	164.1040, 48.0560, -33.9280

# Conversions

## Conversions Part 2

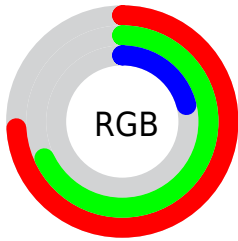
Format	Color
<b>RYB</b>	<b>71, 189, 53</b>
Decimal	12430645
CIELab	70.15, -7.67, 60.31
CIELCh	70, 60.792, 97.244
Yxy	40.9630, 0.4209, 0.4715
Android (android.graphics.Color)	4290620725 (0xFFBDAD35)
YUV	164.1040, -54.7743, 21.8338
Hunter-Lab	64.0023, -10.0050, 36.1426

# Details

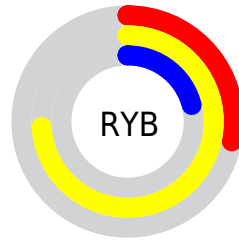
The Decimal color **12430645** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3491261**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16311403**, and **8681728** is the 20% darker color. If you saturate the color by 10%, you get **12430114**, and if you desaturate by 10%, it is **12431176**.

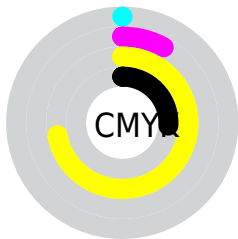
# Distribution



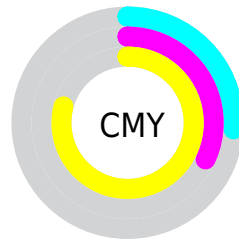
- Red (74%)
- Green (68%)
- Blue (21%)



- Red (28%)
- Yellow (74%)
- Blue (21%)



- Cyan (0%)
- Magenta (8%)
- Yellow (72%)
- Black (26%)






















- Cyan (26%)
- Magenta (32%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12430645 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 12430645 by changing the saturation by 10% instead.



 12430645	 12430645
 16777215	 10523413
 16311403	 8681728
 16777094	 6840320
 16777122	 5130496
 16777150	 3355392
 16777179	 1777152
 16777208	 256
	 0
 12430645	 12430645

■ 12430114

■ 12431176

■ 12429583

■ 12431707

■ 12429056

■ 12432494

■ 12433025

■ 12433556

■ 12434086

■ 12434873

■ 12435404

■ 12435935

# Harmonies

## Analogous

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



15440195



12430645



8567630

# Triad

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



12430645



50669



16351959

# Complementary

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



12430645



3491261

# 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.



12621823



12430645



48639

# Square

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



12430645



51128



5680639



16742816

# Rectangle

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



12430645



5095789



5680639



15370472



# Sweetspot

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



12430645



16117439



12399943



8025947



16448250



8026746



# Same Dimension

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



12430645



16112674



9157941



6184277



10390272



2038528



# Inverse Universe

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



3491261



2243573



6763965



5592670



5022



1055



# Previews

## White Background



This preview shows how the Decimal color 12430645 looks on a white background.

## Color Contrast Check

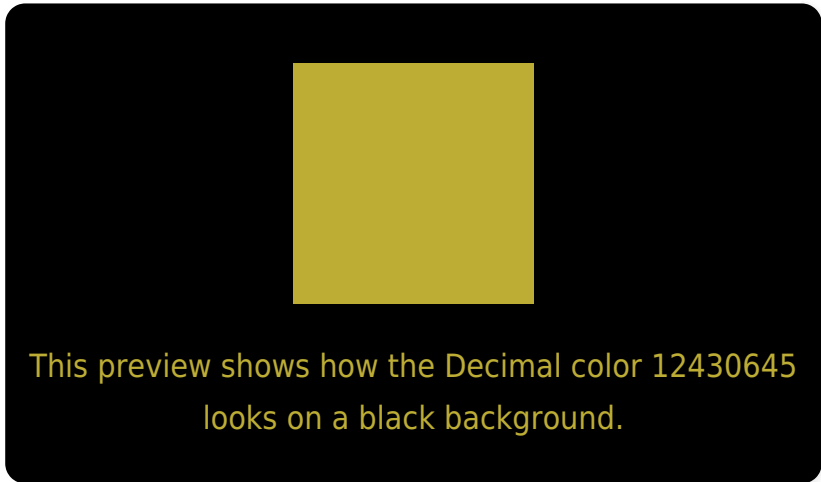
Large Text (above 18pt) WCAG AA × Fail

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 12430645 Background



This preview shows how black text looks on a background with the Decimal color 12430645.



This preview shows how white text looks on a background with the Decimal color 12430645.

# 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**  
12430645

**Protanopia**  
12626997

**Deuteranopia**  
14132025



**Tritanopia**  
13083310

# Trichromacy



**Original Color**  
12430645

**Protanomaly**  
12561461

**Deuteranomaly**  
13543224

**Tritanomaly**  
12822146

# Monochromacy



**Original Color**  
12430645

**Achromatopsia**  
10790052

**Achromatomaly**  
11380604

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12430645 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 #BDAD35 looks like.

```
.text, #text, p{  
  color:#BDAD35  
}
```

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 #BDAD35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDAD35
}
```

## Border

The CSS property to change the border of an element to Decimal 12430645 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
#BDAD35 }
```

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

```
.border{ border-color:#BDAD35 }
```

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

Here you see how a box with a 4 pixel #BDAD35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDAD35; -webkit-box-shadow:4px 4px  
4px 4px #BDAD35; box-shadow:4px 4px 4px  
4px #BDAD35 }
```

# Background

The CSS property to change the background color of an element to Decimal 12430645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDAD35 }
```

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

```
.background{ background-color:#BDAD35 }
```

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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