

# Converting Colors

Decimal(12301376)

Have a look what the booklet for  
Decimal(12301376) contains.

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# **Color**

**Decimal(12301376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB440
RGB	187, 180, 64
RGB Percent	73%, 71%, 25%
CMY	0.2667, 0.2941, 0.7490
CMYK	0.00, 0.04, 0.66, 0.27
HSL	57°, 49%, 49%
HSV	57°, 66%, 73%
XYZ	37.7402, 43.5775, 11.2727
YIQ	168.8690, 41.4080, -34.5920

# Conversions

## Conversions Part 2

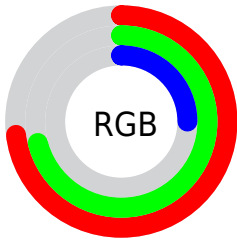
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 187, 64
Decimal	12301376
CIELab	71.95, -11.57, 57.72
CIELCh	72, 58.867, 101.338
Yxy	43.5775, 0.4076, 0.4706
Android (android.graphics.Color)	4290491456 (0xFFBBB440)
YUV	168.8690, -51.7004, 15.9009
Hunter-Lab	66.0132, -13.4736, 36.0847

# Details

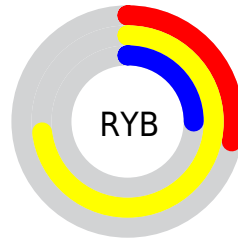
The Decimal color **12301376** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4212667**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16182390**, and **8617984** is the 20% darker color. If you saturate the color by 10%, you get **12301101**, and if you desaturate by 10%, it is **12301651**.

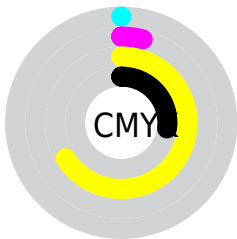
# Distribution



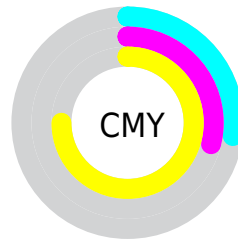
- Red (73%)
- Green (71%)
- Blue (25%)



- Red (28%)
- Yellow (73%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12301376 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 12301376 by changing the saturation by 10% instead.



 12301376

 12301376

16777215

 10393892

 16182390

 8617984

 16777105

 6776576


 16777132

 5066496

 16777161

 3356672

 16777189

 1712896

 3328

 0

 12301376

 12301376

■ 12301101

■ 12301651

■ 12300827

■ 12301925

■ 12300552

■ 12302200

■ 12300288

■ 12302475

■ 12302750

■ 12303024

■ 12303299

■ 12303830

■ 12304104

# Harmonies

## Analogous

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



15376712



12301376



8438108

# Triad

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



12301376



51446



16746196

# Complementary

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



12301376



4212667

# 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.



13540095



12301376



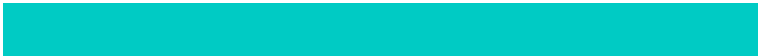
49151

# Square

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



12301376



52164



7712767



16744862

# Rectangle

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



12301376



4835194



7712767



16026853



# Sweetspot

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



12301376



15921090



12271688



8026461



16448250



8026746



# Same Dimension

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



12301376



15918899



8829760



6184533



10392832



2039040



# Inverse Universe

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



4212667



3358450



7684283



5592414



2462



543



# Previews

## White Background



This preview shows how the Decimal color 12301376 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 12301376 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 12301376 Background



This preview shows how black text looks on a background with the Decimal color 12301376.



This preview shows how white text looks on a background with the Decimal color 12301376.

# 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**  
12301376

**Protanopia**  
12955967

**Deuteranopia**  
14460996



**Tritanopia**  
12953782

# Trichromacy



**Original Color**  
12301376

**Protanomaly**  
12694079

**Deuteranomaly**  
13675587

**Tritanomaly**  
12692619

# Monochromacy



**Original Color**  
12301376

**Achromatopsia**  
11119017

**Achromatomaly**  
11578755

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12301376 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 #BBB440 looks like.

```
.text, #text, p{  
    color:#BBB440  
}
```

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 #BBB440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB440
}
```

## Border

The CSS property to change the border of an element to Decimal 12301376 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
#BBB440 }
```

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

```
.border{ border-color:#BBB440 }
```

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

Here you see how a box with a 4 pixel #BBB440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB440; -webkit-box-shadow:4px 4px  
4px 4px #BBB440; box-shadow:4px 4px 4px  
4px #BBB440 }
```

# Background

The CSS property to change the background color of an element to Decimal 12301376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB440 }
```

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

```
.background{ background-color:#BBB440 }
```

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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