

# Converting Colors

Decimal(12341041)

Have a look what the booklet for  
Decimal(12341041) contains.

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# Color

**Decimal(12341041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC4F31
RGB	188, 79, 49
RGB Percent	74%, 31%, 19%
CMY	0.2627, 0.6902, 0.8078
CMYK	0.00, 0.58, 0.74, 0.26
HSL	13°, 59%, 46%
HSV	13°, 74%, 74%
XYZ	24.0894, 16.5051, 4.8219
YIQ	108.1710, 74.5940, 13.7780

# Conversions

## Conversions Part 2

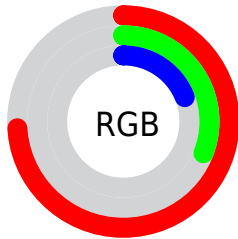
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 87, 49
Decimal	12341041
CIE <sub>Lab</sub>	47.63, 42.15, 38.95
CIE <sub>LCh</sub>	48, 57.392, 42.737
Yxy	16.5051, 0.5304, 0.3634
Android (android.graphics.Color)	4290531121 (0xFFBC4F31)
YUV	108.1710, -29.1713, 70.0100
Hunter-Lab	40.6264, 34.7451, 21.4015

# Details

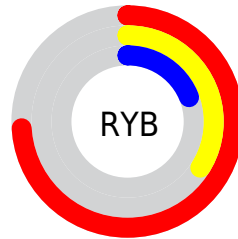
The Decimal color **12341041** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3251900**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16417633**, and **8395266** is the 20% darker color. If you saturate the color by 10%, you get **12337182**, and if you desaturate by 10%, it is **12344900**.

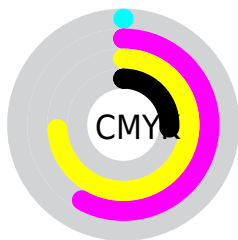
# Distribution



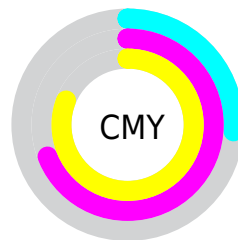
- Red (74%)
- Green (31%)
- Blue (19%)



- Red (74%)
- Yellow (34%)
- Blue (19%)



- Cyan (0%)
- Magenta (58%)
- Yellow (74%)
- Black (26%)



- Cyan (26%)
- Magenta (69%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12341041 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 12341041 by changing the saturation by 10% instead.



 12341041

 12341041

16777215

 10368282

 16417633

 8395266

 16752506

 6488064

 16759444

 4587520

 16766895

 2883585

 16774091

 0

 16777191

 12341041

 12341041

 12337182

 12344900

 12333579

 12348503

 12331264

 12352361

 12356220

 12360079

 12363682

 12367541

 12371399

 12375258

# Harmonies

## Analogous

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



13057886



12341041



10380290

# Triad

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



12341041



34130



2519248

# Complementary

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



12341041



3251900

# 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.



32462



12341041



34693

# Square

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



12341041



4030498



34226



9263801

# Rectangle

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



12341041



8679424



34226



30162



# Sweetspot

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



12341041



16108479



12333472



8020315



16448250



8026746



# Same Dimension

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



12341041



16075291



12358193



6182741



10363392



2033408



# Inverse Universe

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



3251900



1820405



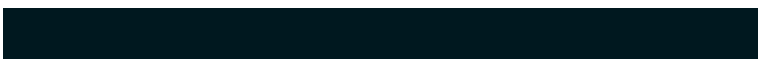
3234748



5594206



31902

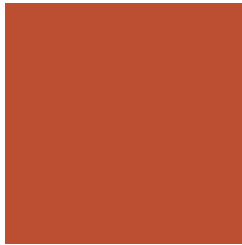


6175



# Previews

## White Background



This preview shows how the Decimal color 12341041 looks on a white background.

## Color Contrast Check

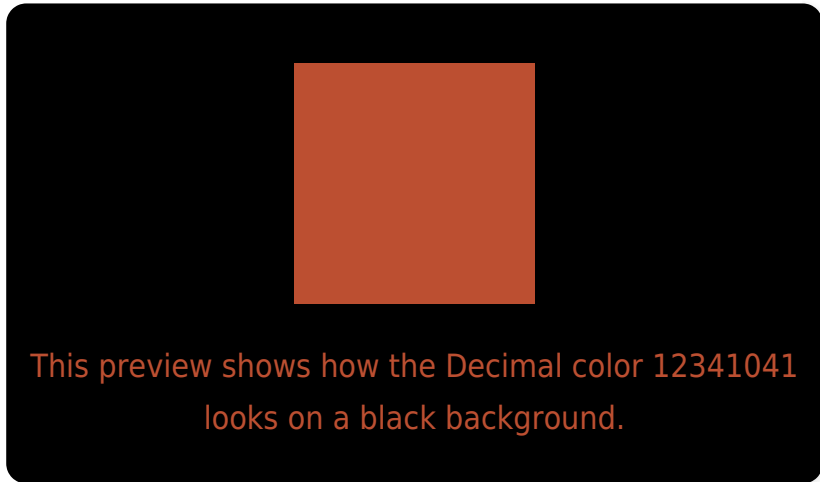
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

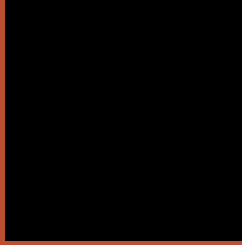
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12341041 Background



This preview shows how black text looks on a background with the Decimal color 12341041.



This preview shows how white text looks on a background with the Decimal color 12341041.

# 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**  
12341041

**Protanopia**  
8221244

**Deuteranopia**  
9333802



# Trichromacy



**Original Color**  
12341041

**Protanomaly**  
9725240

**Deuteranomaly**  
10445101

**Tritanomaly**  
12405829

# Monochromacy



**Original Color**  
12341041

**Achromatopsia**  
7105644

**Achromatomaly**  
9003351

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12341041 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 #BC4F31 looks like.

```
.text, #text, p{  
    color:#BC4F31  
}
```

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 #BC4F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC4F31
}
```

## Border

The CSS property to change the border of an element to Decimal 12341041 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
#BC4F31 }
```

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

```
.border{ border-color:#BC4F31 }
```

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

Here you see how a box with a 4 pixel #BC4F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC4F31; -webkit-box-shadow:4px 4px  
4px 4px #BC4F31; box-shadow:4px 4px 4px  
4px #BC4F31 }
```

# Background

The CSS property to change the background color of an element to Decimal 12341041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC4F31 }
```

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

```
.background{ background-color:#BC4F31 }
```

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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