

# Converting Colors

Decimal(12404526)

Have a look what the booklet for  
Decimal(12404526) contains.

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# Color

**Decimal(12404526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD472E
RGB	189, 71, 46
RGB Percent	74%, 28%, 18%
CMY	0.2588, 0.7216, 0.8196
CMYK	0.00, 0.62, 0.76, 0.26
HSL	10°, 61%, 46%
HSV	10°, 76%, 74%
XYZ	23.7326, 15.5226, 4.3301
YIQ	103.4320, 78.3530, 17.2410

# Conversions

## Conversions Part 2

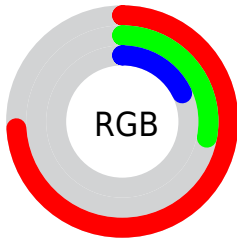
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 76, 46
Decimal	12404526
CIELab	46.34, 46.14, 39.22
CIELCh	46, 60.554, 40.366
Yxy	15.5226, 0.5445, 0.3561
Android (android.graphics.Color)	4290594606 (0xFFBD472E)
YUV	103.4320, -28.3140, 75.0431
Hunter-Lab	39.3987, 38.5757, 21.0629

# Details

The Decimal color **12404526** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **3056829**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16481373**, and **8391424** is the 20% darker color. If you saturate the color by 10%, you get **12400411**, and if you desaturate by 10%, it is **12408641**.

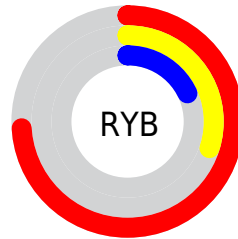
# Distribution



Red (74%)

Green (28%)

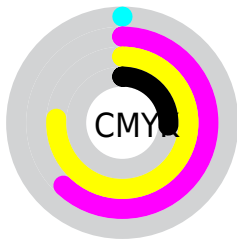
Blue (18%)



Red (74%)

Yellow (30%)

Blue (18%)

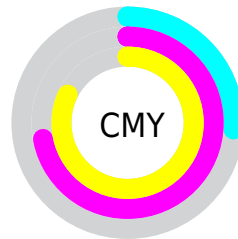


Cyan (0%)

Magenta (62%)

Yellow (76%)

Black (26%)



Cyan (26%)

Magenta (72%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12404526 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 12404526 by changing the saturation by 10% instead.



 12404526

 12404526

16777215

 10365976

 16481373

 8391424

 16750454

 6488064

 16757648

 4587520

 16764843

 2818049

 16772295

 0

 16777187

 12404526

 12404526

 12400411

 12408641

 12396552

 12412500

 12394752

 12416615

 12420474

 12424589

 12428703

 12432562

 12436677

 12440536

# Harmonies

## Analogous

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



13055326



12404526



10444544

# Triad

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



12404526



33353



28371

# Complementary

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



12404526



3056829

# 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.



32206



12404526



34175

# Square

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



12404526



3898643



33711



8739004

# Rectangle

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



12404526



8678400



33711



29908



# Sweetspot

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



12404526



16107196



12398245



8019544



16448250



8026746



# Same Dimension

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



12404526



16071958



12422446



6182741



10361856



2032896



# Inverse Universe

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



3056829



1494773



3038909



5594462



33438

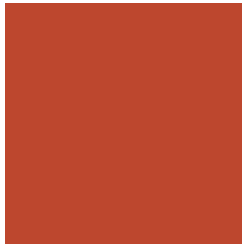


6431



# Previews

## White Background



This preview shows how the Decimal color 12404526 looks on a white background.

## Color Contrast Check

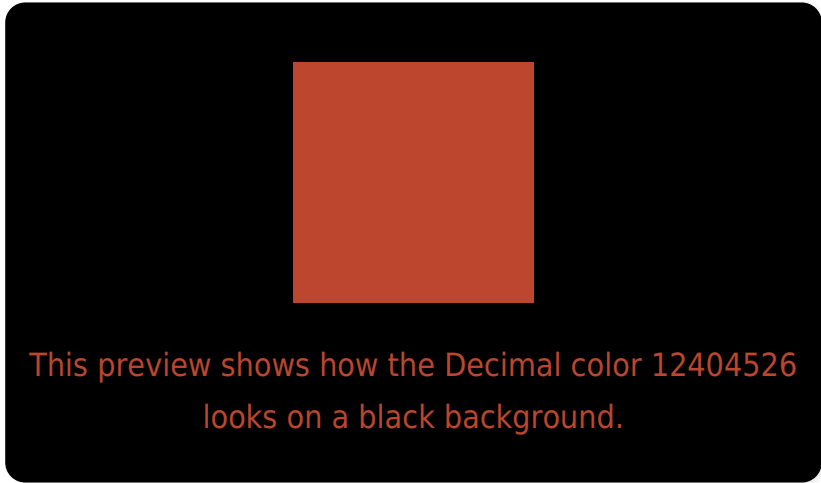
Large Text (above 18pt) WCAG AA ✓ Pass

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 12404526 Background



This preview shows how black text looks on a background with the Decimal color 12404526.



This preview shows how white text looks on a background with the Decimal color 12404526.

# 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**  
12404526

**Protanopia**  
8023866

**Deuteranopia**  
9070886



# Trichromacy



**Original Color**  
12404526

**Protanomaly**  
9592886

**Deuteranomaly**  
10313001

**Tritanomaly**  
12469567

# Monochromacy



**Original Color**  
12404526

**Achromatopsia**  
6776679

**Achromatomaly**  
8805202

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12404526 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 #BD472E looks like.

```
.text, #text, p{  
  color:#BD472E  
}
```

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 #BD472E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD472E
}
```

## Border

The CSS property to change the border of an element to Decimal 12404526 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
#BD472E }
```

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

```
.border{ border-color:#BD472E }
```

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

Here you see how a box with a 4 pixel #BD472E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD472E; -webkit-box-shadow:4px 4px  
4px 4px #BD472E; box-shadow:4px 4px 4px  
4px #BD472E }
```

# Background

The CSS property to change the background color of an element to Decimal 12404526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD472E }
```

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

```
.background{ background-color:#BD472E }
```

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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