

# Converting Colors

Decimal(12466228)

Have a look what the booklet for  
Decimal(12466228) contains.

<b>Decimal(12466228)</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(12466228)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE3834
RGB	190, 56, 52
RGB Percent	75%, 22%, 20%
CMY	0.2549, 0.7804, 0.7961
CMYK	0.00, 0.71, 0.73, 0.25
HSL	2°, 57%, 47%
HSV	2°, 73%, 75%
XYZ	23.2692, 14.0234, 4.7292
YIQ	95.6100, 81.1480, 27.1640

# Conversions

## Conversions Part 2

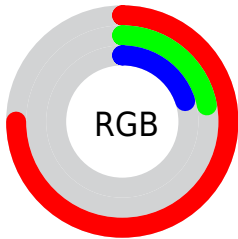
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 56, 52
Decimal	12466228
CIE Lab	44.27, 53.02, 33.61
CIE LCh	44, 62.772, 32.368
Yxy	14.0234, 0.5537, 0.3337
Android (android.graphics.Color)	4290656308 (0xFFBE3834)
YUV	95.6100, -21.4997, 82.7800
Hunter-Lab	37.4479, 45.3819, 18.7260

# Details

The Decimal color **12466228** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **3455678**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **16543587**, and **8454152** is the 20% darker color. If you saturate the color by 10%, you get **12461601**, and if you desaturate by 10%, it is **12470855**.

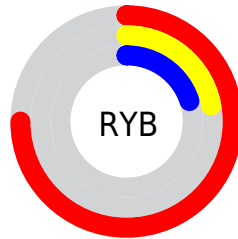
# Distribution



Red (75%)

Green (22%)

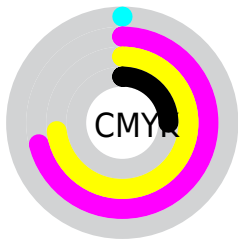
Blue (20%)



Red (75%)

Yellow (22%)

Blue (20%)

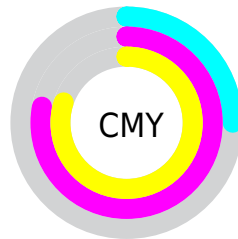


Cyan (0%)

Magenta (71%)

Yellow (73%)

Black (25%)



Cyan (25%)

Magenta (78%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12466228 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 12466228 by changing the saturation by 10% instead.



 12466228

 12466228

16777215

 10426398

 16543587

 8454152

 16747388

 6488064

 16754582

 4587521

 16761777

 2686977

 16769228

 0

 16776681

 12466228

 12466228

 12461601

 12470855

 12456718

 12475738

 12453376

 12480365

 12485248

 12489875

 12494758

 12499385

 12504268

 12508895

# Harmonies

## Analogous

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



12724583



12466228



10769152

# Triad

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



12466228



31797



28370

# Complementary

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



12466228



3455678

# 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.



31429



12466228



32619

# Square

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



12466228



4617472



32672



6969794

# Rectangle

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



12466228



9069056



32672



29649



# Sweetspot

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



12466228



16237505



12465340



8215900



16579836



8224125



# Same Dimension

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



12466228



16197152



12483380



6182229



10355968



2031872



# Inverse Universe

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



3455678



2159095



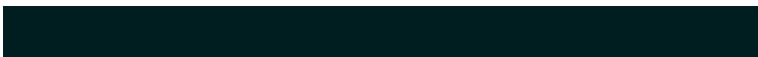
3438526



5594718



39582



7711



# Previews

## White Background



This preview shows how the Decimal color 12466228 looks on a white background.

## Color Contrast Check

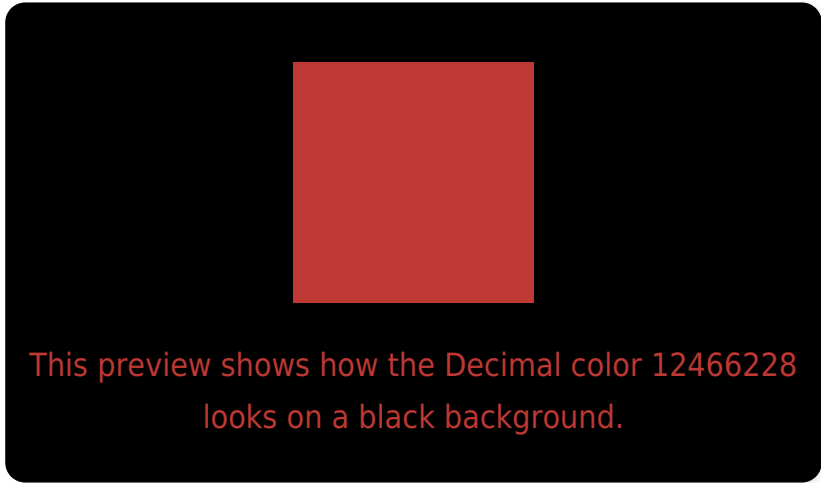
Large Text (above 18pt) WCAG AA ✓ Pass

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 12466228 Background



This preview shows how black text looks on a background with the Decimal color 12466228.



This preview shows how white text looks on a background with the Decimal color 12466228.

# 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





# Trichromacy



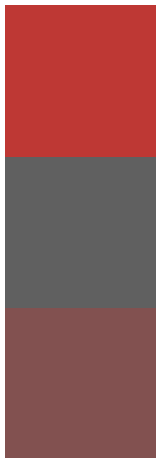
**Original Color**  
12466228

**Protanomaly**  
9328447

**Deuteranomaly**  
9983023

**Tritanomaly**  
12465976

# Monochromacy



**Original Color**  
12466228

**Achromatopsia**  
6316128

**Achromatomaly**  
8540496

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12466228 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 #BE3834 looks like.

```
.text, #text, p{  
    color:#BE3834  
}
```

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 #BE3834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE3834
}
```

## Border

The CSS property to change the border of an element to Decimal 12466228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

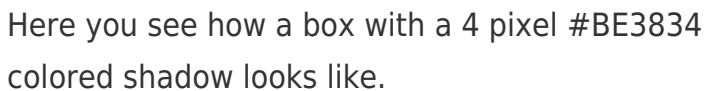
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE3834 }
```

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

```
.border{ border-color:#BE3834 }
```

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



Here you see how a box with a 4 pixel `#BE3834` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE3834; -webkit-box-shadow:4px 4px  
4px 4px #BE3834; box-shadow:4px 4px 4px  
4px #BE3834 }
```

# Background

The CSS property to change the background color of an element to Decimal 12466228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE3834 }
```

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

```
.background{ background-color:#BE3834 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor