

# Converting Colors

Decimal(12331566)

Have a look what the booklet for  
Decimal(12331566) contains.

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# Color

**Decimal(12331566)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC2A2E
RGB	188, 42, 46
RGB Percent	74%, 16%, 18%
CMY	0.2627, 0.8353, 0.8196
CMYK	0.00, 0.78, 0.76, 0.26
HSL	358°, 63%, 45%
HSV	358°, 78%, 74%
XYZ	22.0601, 12.5446, 3.8434
YIQ	86.1100, 85.7320, 32.1960

# Conversions

## Conversions Part 2

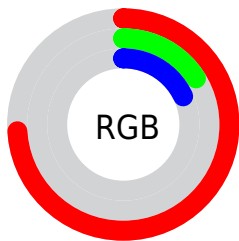
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 42, 46</a>
Decimal	<a href="#">12331566</a>
CIELab	<a href="#">42.07, 56.98, 34.51</a>
CIELCh	<a href="#">42, 66.615, 31.204</a>
Yxy	<a href="#">12.5446, 0.5738, 0.3263</a>
Android (android.graphics.Color)	<a href="#">4290521646</a> ( <a href="#">0xFFBC2A2E</a> )
YUV	<a href="#">86.1100, -19.7742, 89.3575</a>
Hunter-Lab	<a href="#">35.4183, 49.1960, 18.3590</a>

# Details

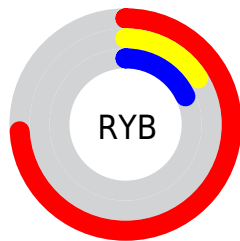
The Decimal color **12331566** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2800824**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16475228**, and **8323072** is the 20% darker color. If you saturate the color by 10%, you get **12326684**, and if you desaturate by 10%, it is **12336448**.

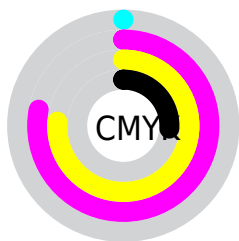
# Distribution



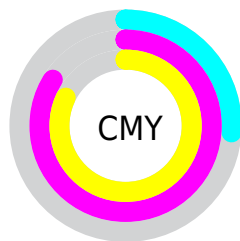
- Red (74%)
- Green (16%)
- Blue (18%)



- Red (74%)
- Yellow (16%)
- Blue (18%)



- Cyan (0%)
- Magenta (78%)
- Yellow (76%)
- Black (26%)



- Cyan (26%)
- Magenta (84%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12331566 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 12331566 by changing the saturation by 10% instead.



 12331566

 12331566

16777215

 10289177

 16475228

 8323072

 16744565

 6291456

 16751759

 4390914

 16759209

 2359297

 16766661

 0

 16774113

16777213

 12331566

 12331566

■ 12326684

■ 12336448

■ 12321801

■ 12341331

■ 12320773

■ 12345957

■ 12350839

■ 12355721

■ 12360604

■ 12365486

■ 12370112

■ 12374995

# Harmonies

## Analogous

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



12587876



12331566



10570496

# Triad

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



12331566



30506



27346

# Complementary

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



12331566



2800824

# 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.



30404



12331566



31332

# Square

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



12331566



4157440



31387



6247362

# Rectangle

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



12331566



8870656



31387



28625



# Sweetspot

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



12331566



16104638



12004028



8018009



16448250



8026746



# Same Dimension

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



12331566



16060695



12348970



6182229



10354692



2031617



# Inverse Universe

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



12331566



16060695



2783420



6182229



10354692



2031617



# Previews

## White Background



This preview shows how the Decimal color 12331566 looks on a white background.

## Color Contrast Check

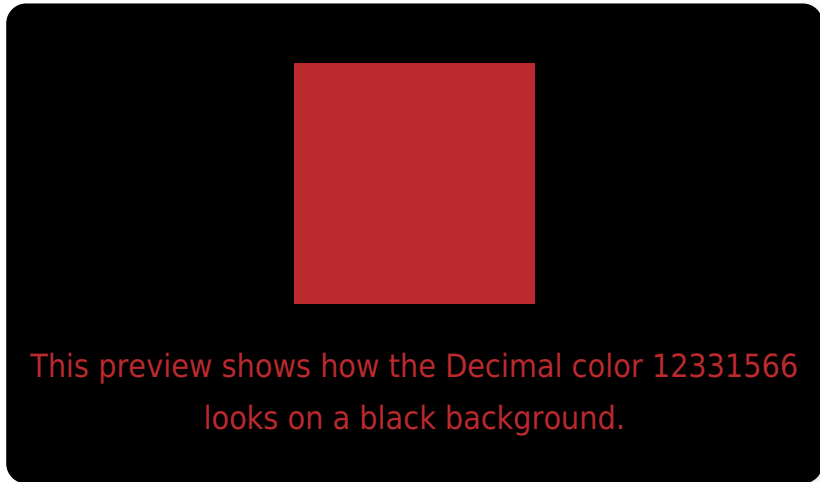
Large Text (above 18pt) WCAG AA ✓ Pass

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 12331566 Background



This preview shows how black text looks on a background with the Decimal color 12331566.

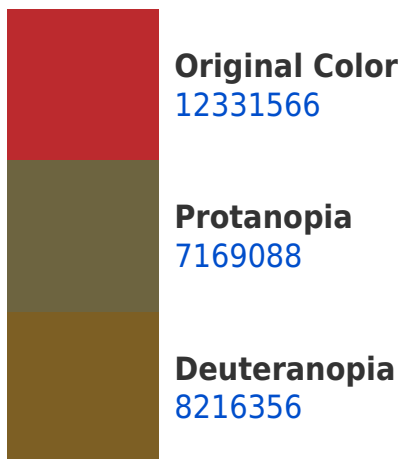


This preview shows how white text looks on a background with the Decimal color 12331566.

# 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**  
12331566

**Protanomaly**  
9064249

**Deuteranomaly**  
9718824

**Tritanomaly**  
12331564

# Monochromacy



**Original Color**  
12331566

**Achromatopsia**  
5658198

**Achromatomaly**  
8078919

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12331566 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 #BC2A2E looks like.

```
.text, #text, p{  
  color:#BC2A2E  
}
```

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 #BC2A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC2A2E
}
```

## Border

The CSS property to change the border of an element to Decimal 12331566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

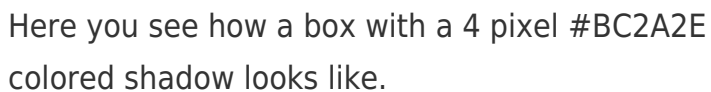
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC2A2E }
```

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

```
.border{ border-color:#BC2A2E }
```

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



Here you see how a box with a 4 pixel `#BC2A2E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC2A2E; -webkit-box-shadow:4px 4px  
4px 4px #BC2A2E; box-shadow:4px 4px 4px  
4px #BC2A2E }
```

# Background

The CSS property to change the background color of an element to Decimal 12331566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC2A2E }
```

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

```
.background{ background-color:#BC2A2E }
```

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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