

# Converting Colors

Decimal(12133417)

Have a look what the booklet for  
Decimal(12133417) contains.

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# Color

**Decimal(12133417)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B92429
RGB	185, 36, 41
RGB Percent	73%, 14%, 16%
CMY	0.2745, 0.8588, 0.8392
CMYK	0.00, 0.81, 0.78, 0.27
HSL	358°, 67%, 43%
HSV	358°, 81%, 73%
XYZ	21.0387, 11.7361, 3.2543
YIQ	81.1210, 87.1990, 33.1430

# Conversions

## Conversions Part 2

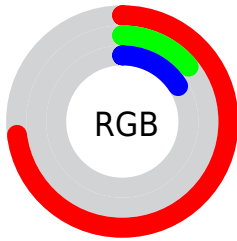
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 36, 41
Decimal	12133417
CIE <sub>Lab</sub>	40.79, 57.66, 35.85
CIE <sub>LCh</sub>	41, 67.895, 31.875
Yxy	11.7361, 0.5839, 0.3257
Android (android.graphics.Color)	4290323497 (0xFFB92429)
YUV	81.1210, -19.7797, 91.1019
Hunter-Lab	34.2580, 49.6696, 18.3485

# Details

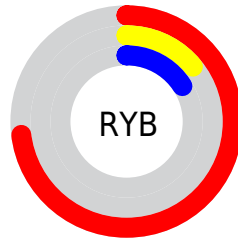
The Decimal color **12133417** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2406836**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **16277591**, and **8126464** is the 20% darker color. If you saturate the color by 10%, you get **12128791**, and if you desaturate by 10%, it is **12138299**.

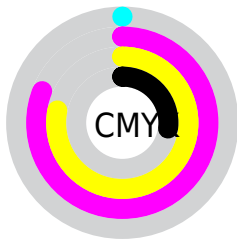
# Distribution



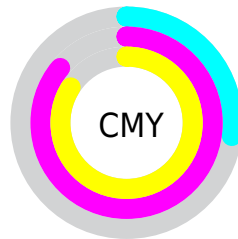
- Red (73%)
- Green (14%)
- Blue (16%)



- Red (73%)
- Yellow (14%)
- Blue (16%)



- Cyan (0%)
- Magenta (81%)
- Yellow (78%)
- Black (27%)




- Cyan (27%)
- Magenta (86%)
- Yellow (84%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12133417 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 12133417 by changing the saturation by 10% instead.



 12133417

 12133417

16777215

 10092564

 16277591

 8126464

 16743536

 6094848

 16750729

 4259842

 16757923

 2097153

 16765375

 0

 16773083

 16777207

 12133417

 12133417

■ 12128791

■ 12138299

■ 12124166

■ 12142925

■ 12147807

■ 12152433

■ 12157314

■ 12161940

■ 12166822

■ 12171448

■ 12176330

# Harmonies

## Analogous

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



12451935



12133417



10307584

# Triad

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



12133417



29735



26577

# Complementary

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



12133417



2406836

# 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.



29635



12133417



30562

# Square

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



12133417



3697920



30618



6115264

# Rectangle

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



12133417



8542464



30618



27856



# Sweetspot

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



12133417



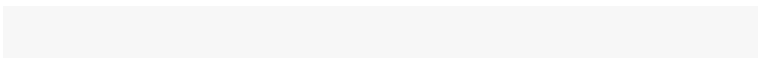
15775416



11674809



7886166



16250871



7895160



# Same Dimension

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



12133417



15730447



12150564



6050643



10223621



1835009



# Inverse Universe

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



12133417



15730447



2389689



6050643



10223621



1835009



# Previews

## White Background



This preview shows how the Decimal color 12133417 looks on a white background.

## Color Contrast Check

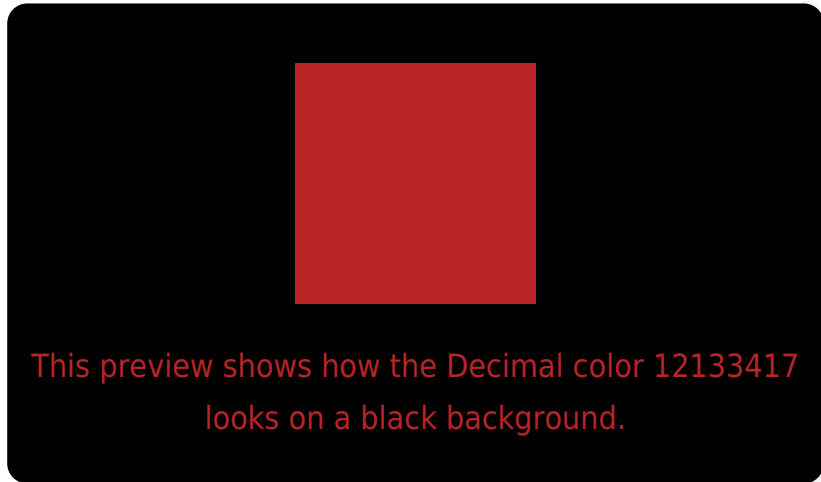
Large Text (above 18pt) WCAG AA ✓ Pass

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 12133417 Background



This preview shows how black text looks on a background with the Decimal color 12133417.

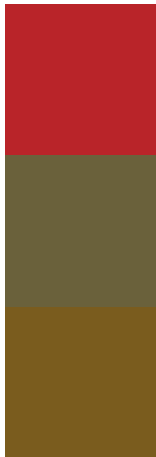


This preview shows how white text looks on a background with the Decimal color 12133417.

# 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**  
12133417

**Protanopia**  
6971707

**Deuteranopia**  
8018974



# Trichromacy



**Original Color**  
12133417

**Protanomaly**  
8866612

**Deuteranomaly**  
9521186

**Tritanomaly**  
12133670

# Monochromacy



**Original Color**  
12133417

**Achromatopsia**  
5329233

**Achromatomaly**  
7815490

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12133417 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 #B92429 looks like.

```
.text, #text, p{  
  color:#B92429  
}
```

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 #B92429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B92429
}
```

## Border

The CSS property to change the border of an element to Decimal 12133417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

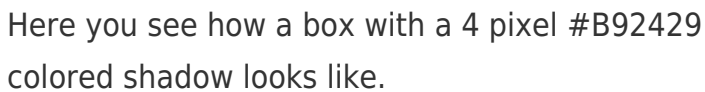
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B92429 }
```

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

```
.border{ border-color:#B92429 }
```

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



Here you see how a box with a 4 pixel #B92429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B92429; -webkit-box-shadow:4px 4px  
4px 4px #B92429; box-shadow:4px 4px 4px  
4px #B92429 }
```

# Background

The CSS property to change the background color of an element to Decimal 12133417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B92429 }
```

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

```
.background{ background-color:#B92429 }
```

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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