

# Converting Colors

Decimal(12454931)

Have a look what the booklet for  
Decimal(12454931) contains.

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# Color

**Decimal(12454931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE0C13
RGB	190, 12, 19
RGB Percent	75%, 5%, 7%
CMY	0.2549, 0.9529, 0.9255
CMYK	0.00, 0.94, 0.90, 0.25
HSL	358°, 88%, 40%
HSV	358°, 94%, 75%
XYZ	21.4842, 11.2571, 1.6566
YIQ	66.0200, 103.8410, 39.9130

# Conversions

## Conversions Part 2

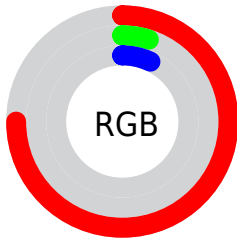
Format	Color
<a href="#">RYB</a>	<a href="#">190, 12, 19</a>
Decimal	<a href="#">12454931</a>
CIELab	<a href="#">40.01, 63.15, 47.01</a>
CIELCh	<a href="#">40, 78.730, 36.664</a>
Yxy	<a href="#">11.2571, 0.6246, 0.3273</a>
Android (android.graphics.Color)	<a href="#">4290645011 (0xFFBE0C13)</a>
YUV	<a href="#">66.0200, -23.1809, 108.7305</a>
Hunter-Lab	<a href="#">33.5516, 55.5842, 20.5587</a>

# Details

The Decimal color **12454931** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **835255**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **16733505**, and **8323072** is the 20% darker color. If you saturate the color by 10%, you get **12451847**, and if you desaturate by 10%, it is **12459813**.

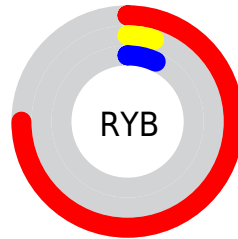
# Distribution



Red (75%)

Green (5%)

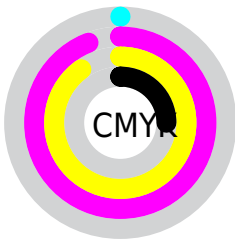
Blue (7%)



Red (75%)

Yellow (5%)

Blue (7%)

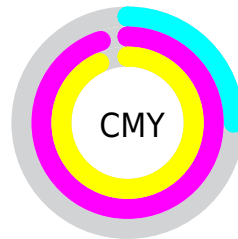


Cyan (0%)

Magenta (94%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (95%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12454931 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 12454931 by changing the saturation by 10% instead.



 12454931	 12454931
 16777211	 10354688
 16733505	 8323072
 16740953	 6225920
 16748402	 4390915
 16755596	 2228225
 16763047	 0
 16770755	
 16777183	
 12454931	 12454931

■ 12451847

■ 12459813

■ 12464696

■ 12469578

■ 12474460

■ 12479342

■ 12484225

■ 12489107

■ 12493989

■ 12498871

# Harmonies

## Analogous

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



13172819



12454931



10176000

# Triad

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



12454931



29990



25569

# Complementary

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



12454931



835255

# 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.



29654



12454931



30572

# Square

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



12454931



1207808



30635



6898887

# Rectangle

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



12454931



8018432



30635



27361



# Sweetspot

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



12454931



16233141



11865278



8213076



16579836



8224125



# Same Dimension

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



12454931



16187402



12475404



6182229



10354694



2031617



# Inverse Universe

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



12454931



16187402



814782



6182229



10354694



2031617



# Previews

## White Background



This preview shows how the Decimal color 12454931 looks on a white background.

## Color Contrast Check

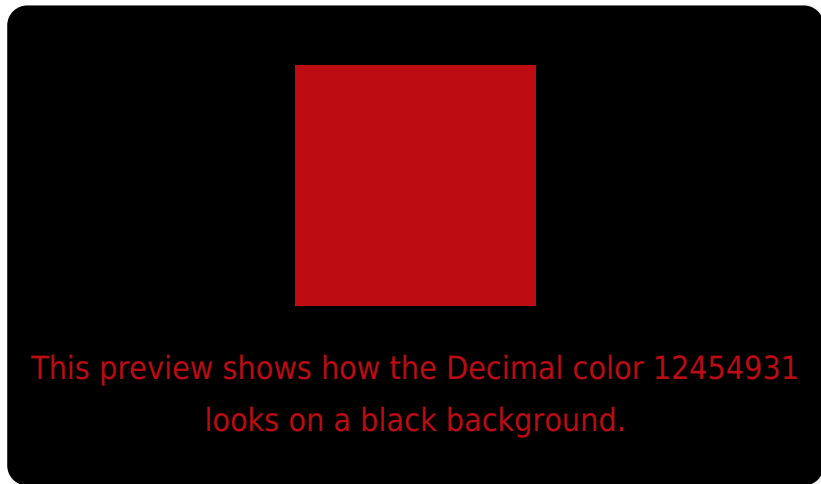
Large Text (above 18pt) WCAG AA ✓ Pass

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 12454931 Background



This preview shows how black text looks on a background with the Decimal color 12454931.



This preview shows how white text looks on a background with the Decimal color 12454931.

# 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



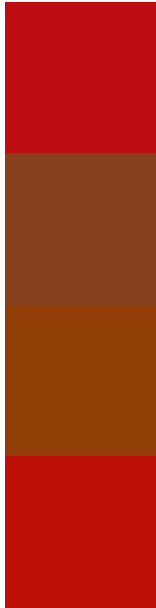
**Original Color**  
12454931

**Protanopia**  
7036963

**Deuteranopia**  
7953152



# Trichromacy



**Original Color**  
12454931

**Protanomaly**  
8995101

**Deuteranomaly**  
9584135

**Tritanomaly**  
12390151

# Monochromacy



**Original Color**  
12454931

**Achromatopsia**  
4342338

**Achromatomaly**  
7286321

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12454931 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 #BE0C13 looks like.

```
.text, #text, p{  
    color:#BE0C13  
}
```

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 #BE0C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE0C13
}
```

## Border

The CSS property to change the border of an element to Decimal 12454931 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".

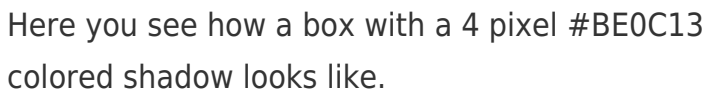
```
.border, #border, table{ border:4px solid
#BE0C13 }
```

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

```
.border{ border-color:#BE0C13 }
```

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

Here you see how a box with a 4 pixel #BE0C13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE0C13; -webkit-box-shadow:4px 4px  
4px 4px #BE0C13; box-shadow:4px 4px 4px  
4px #BE0C13 }
```

# Background

The CSS property to change the background color of an element to Decimal 12454931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE0C13 }
```

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

```
.background{ background-color:#BE0C13 }
```

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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