

# Converting Colors

Decimal(12533251)

Have a look what the booklet for  
Decimal(12533251) contains.

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# Color

**Decimal(12533251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF3E03
RGB	191, 62, 3
RGB Percent	75%, 24%, 1%
CMY	0.2510, 0.7569, 0.9882
CMYK	0.00, 0.68, 0.98, 0.25
HSL	19°, 97%, 38%
HSV	19°, 98%, 75%
XYZ	23.2249, 14.5282, 1.6663
YIQ	93.8450, 95.8230, 8.9990

# Conversions

## Conversions Part 2

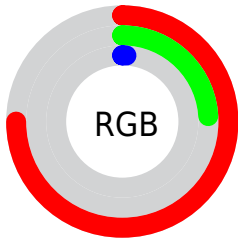
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 89, 3
Decimal	12533251
CIE Lab	44.98, 49.74, 55.49
CIE LCh	45, 74.517, 48.125
Yxy	14.5282, 0.5892, 0.3686
Android (android.graphics.Color)	4290723331 (0xFFBF3E03)
YUV	93.8450, -44.7866, 85.2049
Hunter-Lab	38.1159, 42.0616, 24.0892

# Details

The Decimal color **12533251** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **230591**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16741435**, and **8454144** is the 20% darker color. If you saturate the color by 10%, you get **12532736**, and if you desaturate by 10%, it is **12536598**.

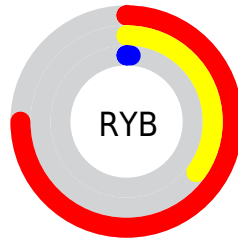
# Distribution



Red (75%)

Green (24%)

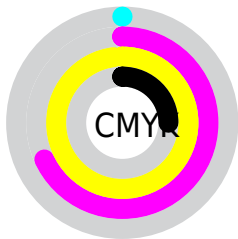
Blue (1%)



Red (75%)

Yellow (35%)

Blue (1%)

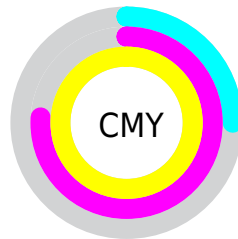


Cyan (0%)

Magenta (68%)

Yellow (98%)

Black (25%)



Cyan (25%)

Magenta (76%)








Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12533251 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 12533251 by changing the saturation by 10% instead.



 12533251	 12533251
 16777207	 10494208
 16741435	 8454144
 16748372	 6422528
 16755565	 4521984
 16762760	 2686977
 16770211	 0
 16777150	
 16777178	
 12533251	 12533251

■ 12532736

■ 12536598

■ 12539945

■ 12543292

■ 12546639

■ 12550242

■ 12553590

■ 12556937

■ 12560284

■ 12563631

# Harmonies

## Analogous

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



13829704



12533251



9854720

# Triad

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



12533251



33615



26082

# Complementary

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



12533251



230591

# 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.



31206



12533251



33936

# Square

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



12533251



32256



33479



10044351

# Rectangle

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



12533251



7564544



33479



28135



# Sweetspot

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



12533251



16237741



12518279



8216144



16579836



8224125



# Same Dimension

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



12533251



16207360



12556547



6182997



10367488



2034176



# Inverse Universe

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



230591



43767



207295



5593950



27806



5407



# Previews

## White Background



This preview shows how the Decimal color 12533251 looks on a white background.

## Color Contrast Check

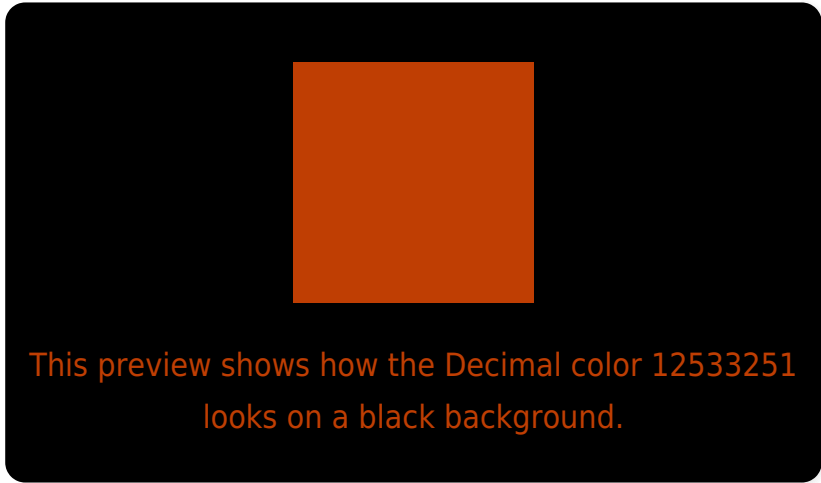
Large Text (above 18pt) WCAG AA ✓ Pass

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 12533251 Background



This preview shows how black text looks on a background with the Decimal color 12533251.



This preview shows how white text looks on a background with the Decimal color 12533251.

# 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



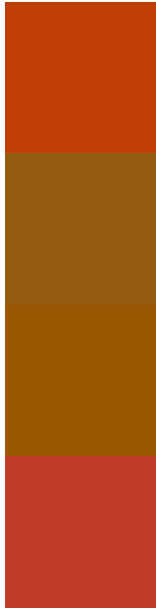
**Original Color**  
12533251

**Protanopia**  
7957525

**Deuteranopia**  
8873472



# Trichromacy



**Original Color**  
12533251

**Protanomaly**  
9591566

**Deuteranomaly**  
10180353

**Tritanomaly**  
12598056

# Monochromacy



**Original Color**  
12533251

**Achromatopsia**  
6184542

**Achromatomaly**  
8475197

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12533251 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 #BF3E03 looks like.

```
.text, #text, p{  
    color:#BF3E03  
}
```

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 #BF3E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3E03
}
```

## Border

The CSS property to change the border of an element to Decimal 12533251 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".

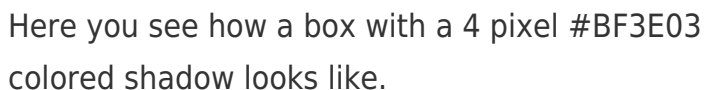
```
.border, #border, table{ border:4px solid
#BF3E03 }
```

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

```
.border{ border-color:#BF3E03 }
```

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

Here you see how a box with a 4 pixel #BF3E03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3E03; -webkit-box-shadow:4px 4px  
4px 4px #BF3E03; box-shadow:4px 4px 4px  
4px #BF3E03 }
```

# Background

The CSS property to change the background color of an element to Decimal 12533251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3E03 }
```

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

```
.background{ background-color:#BF3E03 }
```

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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