

# Converting Colors

Decimal(12465152)

Have a look what the booklet for  
Decimal(12465152) contains.

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# Color

**Decimal(12465152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE3400
RGB	190, 52, 0
RGB Percent	75%, 20%, 0%
CMY	0.2549, 0.7961, 1.0000
CMYK	0.00, 0.73, 1.00, 0.25
HSL	16°, 100%, 37%
HSV	16°, 100%, 75%
XYZ	22.4632, 13.4031, 1.4031
YIQ	87.3340, 98.9400, 13.0840

# Conversions

## Conversions Part 2

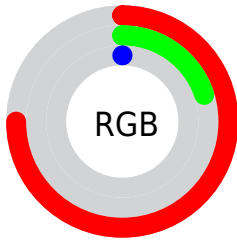
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 72, 0
Decimal	12465152
CIE <sub>Lab</sub>	43.36, 53.25, 55.46
CIE <sub>LCh</sub>	43, 76.890, 46.164
Yxy	13.4031, 0.6027, 0.3596
Android (android.graphics.Color)	4290655232 (0xFFBE3400)
YUV	87.3340, -43.0557, 90.0381
Hunter-Lab	36.6103, 45.4553, 23.3549

# Details

The Decimal color **12465152** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **35518**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **16673847**, and **8323072** is the 20% darker color. If you saturate the color by 10%, you get **12465152**, and if you desaturate by 10%, it is **12468755**.

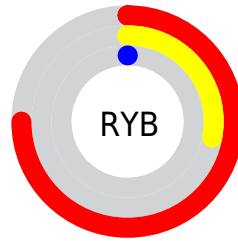
# Distribution



Red (75%)

Green (20%)

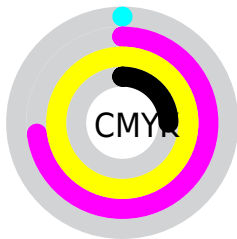
Blue (0%)



Red (75%)

Yellow (28%)

Blue (0%)

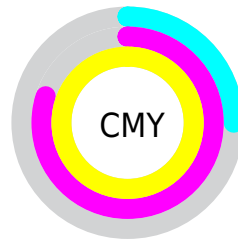


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (80%)



Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12465152 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 12465152 by changing the saturation by 10% instead.



 12465152	 12465152
 16777203	 10424832
 16673847	 8323072
 16746320	 6356992
 16753514	 4456449
 16760708	 2490369
 16768158	 0
 16775610	
 16777174	
 12465152	

 12468755

 12472358

 12475705

 12479308

 12482911

 12486514

 12490117

 12493464

 12497067

# Harmonies

## Analogous

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



13762632



12465152



9787648

# Triad

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



12465152



32581



25571

# Complementary

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



12465152



35518

# 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.



30692



12465152



32904

# Square

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



12465152



30976



32706



9519040

# Rectangle

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



12465152



7497728



32706



27623



# Sweetspot

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



12465152



16236973



12451979



8215632



16579836



8224125



# Same Dimension

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



12465152



16204800



12489216



6182741



10365696



2033664



# Inverse Universe

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



35518



46327



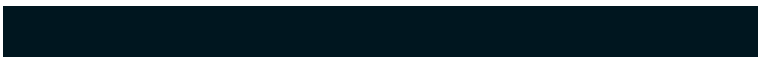
11454



5594206



29598



5663



# Previews

## White Background



This preview shows how the Decimal color 12465152 looks on a white background.

## Color Contrast Check

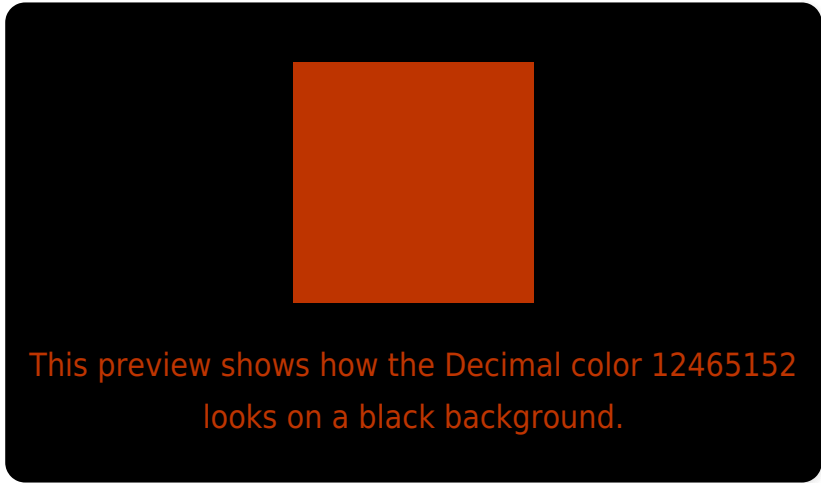
Large Text (above 18pt) WCAG AA ✓ Pass

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 12465152 Background



This preview shows how black text looks on a background with the Decimal color 12465152.



This preview shows how white text looks on a background with the Decimal color 12465152.

# 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



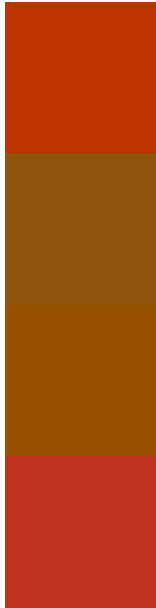
**Original Color**  
12465152

**Protanopia**  
7628821

**Deuteranopia**  
8544768



# Trichromacy



**Original Color**  
12465152

**Protanomaly**  
9393421

**Deuteranomaly**  
9982208

**Tritanomaly**  
12530208

# Monochromacy



**Original Color**  
12465152

**Achromatopsia**  
5723991

**Achromatomaly**  
8145463

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12465152 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 #BE3400 looks like.

```
.text, #text, p{  
  color:#BE3400  
}
```

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 #BE3400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE3400
}
```

## Border

The CSS property to change the border of an element to Decimal 12465152 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
#BE3400 }
```

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

```
.border{ border-color:#BE3400 }
```

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

Here you see how a box with a 4 pixel #BE3400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE3400; -webkit-box-shadow:4px 4px  
4px 4px #BE3400; box-shadow:4px 4px 4px  
4px #BE3400 }
```

# Background

The CSS property to change the background color of an element to Decimal 12465152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE3400 }
```

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

```
.background{ background-color:#BE3400 }
```

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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