

# Converting Colors

Decimal(12475904)

Have a look what the booklet for  
Decimal(12475904) contains.

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# Color

**Decimal(12475904)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE5E00
RGB	190, 94, 0
RGB Percent	75%, 37%, 0%
CMY	0.2549, 0.6314, 1.0000
CMYK	0.00, 0.51, 1.00, 0.25
HSL	30°, 100%, 37%
HSV	30°, 100%, 75%
XYZ	25.2379, 18.9526, 2.3280
YIQ	111.9880, 87.3900, -8.8820

# Conversions

## Conversions Part 2

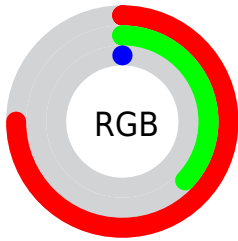
Format	Color
<b>RYB</b>	190, 186, 0
Decimal	12475904
CIELab	50.63, 34.17, 59.37
CIELCh	51, 68.501, 60.081
Yxy	18.9526, 0.5425, 0.4074
Android (android.graphics.Color)	4290665984 (0xFFBE5E00)
YUV	111.9880, -55.2101, 68.4165
Hunter-Lab	43.5345, 27.2949, 27.3036

# Details

The Decimal color **12475904** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **24766**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **16618046**, and **8465664** is the 20% darker color. If you saturate the color by 10%, you get **12475904**, and if you desaturate by 10%, it is **12478483**.

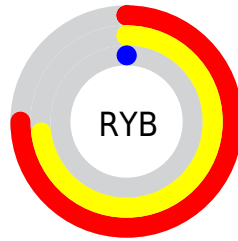
# Distribution



Red (75%)

Green (37%)

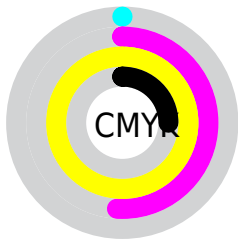
Blue (0%)



Red (75%)

Yellow (73%)

Blue (0%)

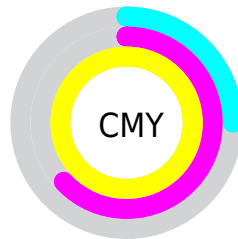


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (63%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12475904 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 12475904 by changing the saturation by 10% instead.



 12475904	 12475904
 16777214	 10437888
 16618046	 8465664
 16756056	 6558720
 16763251	 4653056
 16770445	 3080193
 16777129	 0
 16777157	
 16777185	
 12475904	

 12478483

 12480806

 12483385

 12485708

 12488287

 12490866

 12493189

 12495768

 12498091

# Harmonies

## Analogous

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



14303298



12475904



9532928

# Triad

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



12475904



37495



7498207

# Complementary

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



12475904



24766

# 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.



33006



12475904



37554

# Square

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



12475904



36410



36318



12405172

# Rectangle

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



12475904



7176448



36318



4485863



# Sweetspot

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



12475904



16241325



12451938



8218192



16579836



8224125



# Same Dimension

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



12475904



16218624



12499712



6183509



10374656



2035456



# Inverse Universe

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



24766



32247



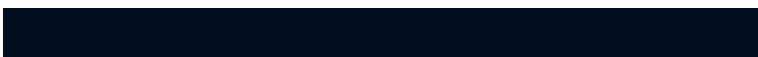
958



5593694



20638



3871



# Previews

## White Background



This preview shows how the Decimal color 12475904 looks on a white background.

## Color Contrast Check

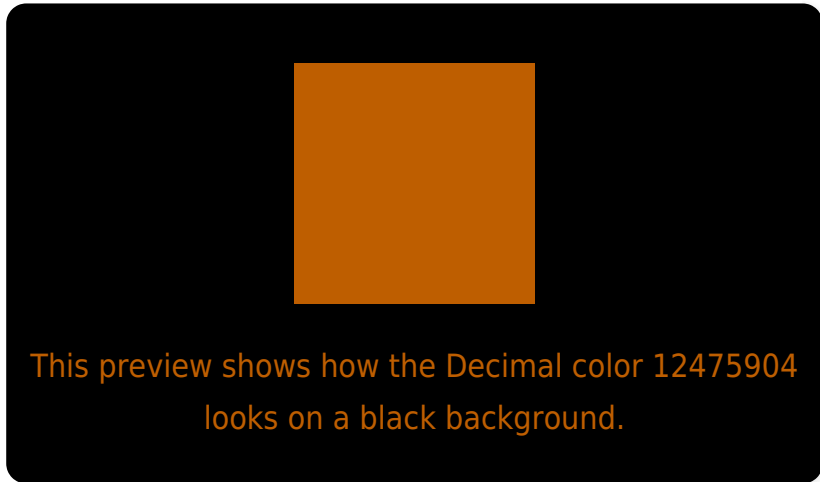
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 12475904 Background



This preview shows how black text looks on a background with the Decimal color 12475904.



This preview shows how white text looks on a background with the Decimal color 12475904.

# 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



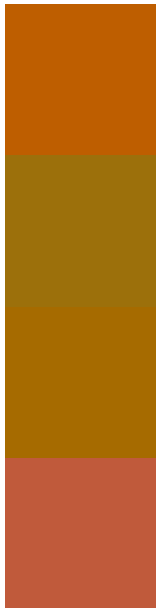
**Original Color**  
12475904

**Protanopia**  
9009681

**Deuteranopia**  
10056448



# Trichromacy



**Original Color**  
12475904

**Protanomaly**  
10252299

**Deuteranomaly**  
10906368

**Tritanomaly**  
12606011

# Monochromacy



**Original Color**  
12475904

**Achromatopsia**  
7368816

**Achromatomaly**  
9201991

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12475904 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 #BE5E00 looks like.

```
.text, #text, p{  
  color:#BE5E00  
}
```

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 #BE5E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5E00
}
```

## Border

The CSS property to change the border of an element to Decimal 12475904 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
#BE5E00 }
```

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

```
.border{ border-color:#BE5E00 }
```

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

Here you see how a box with a 4 pixel #BE5E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5E00; -webkit-box-shadow:4px 4px  
4px 4px #BE5E00; box-shadow:4px 4px 4px  
4px #BE5E00 }
```

# Background

The CSS property to change the background color of an element to Decimal 12475904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5E00 }
```

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

```
.background{ background-color:#BE5E00 }
```

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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