

# Converting Colors

Decimal(12607568)

Have a look what the booklet for  
Decimal(12607568) contains.

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**Color**

**Decimal(12607568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C06050
RGB	192, 96, 80
RGB Percent	75%, 38%, 31%
CMY	0.2471, 0.6235, 0.6863
CMYK	0.00, 0.50, 0.58, 0.25
HSL	9°, 47%, 53%
HSV	9°, 58%, 75%
XYZ	27.3691, 20.1514, 10.0365
YIQ	122.8800, 62.3520, 15.3760

# Conversions

## Conversions Part 2

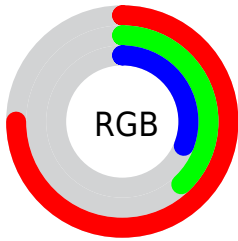
Format	Color
R <sub>Y</sub> B	192, 99, 80
Decimal	12607568
CIE Lab	52.01, 37.04, 26.91
CIE LCh	52, 45.781, 36.001
Yxy	20.1514, 0.4755, 0.3501
Android (android.graphics.Color)	4290797648 (0xFFC06050)
YUV	122.8800, -21.1398, 60.6182
Hunter-Lab	44.8903, 30.2712, 18.1672

# Details

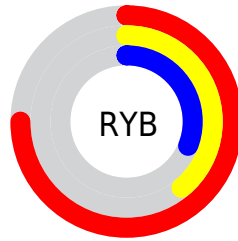
The Decimal color **12607568** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **5288128**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **16553089**, and **8793635** is the 20% darker color. If you saturate the color by 10%, you get **12603453**, and if you desaturate by 10%, it is **12611683**.

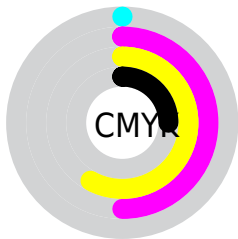
# Distribution



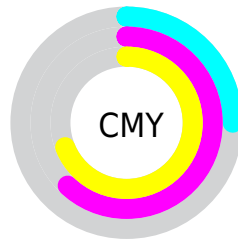
- Red (75%)
- Green (38%)
- Blue (31%)



- Red (75%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (50%)
- Yellow (58%)
- Black (25%)









- Cyan (25%)
- Magenta (62%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12607568 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 12607568 by changing the saturation by 10% instead.



 12607568	 12607568
 16777215	 10700601
 16553089	 8793635
 16756892	 6886158
 16764087	 5046272
 16771282	 3407873
 16777199	 458752
	 0
 12607568	 12607568
 12603453	 12611683

 12599082

 12616054

 12594966

 12620170

 12590595

 12624541

 12589824

 12628656

 12633027

 12637142

 12641514

 12645629

# Harmonies

## Analogous

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



12867958



12607568



11234867

# Triad

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



12607568



2264411



4161226

# Complementary

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



12607568



5288128

# 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.



35267



12607568



36739

# Square

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



12607568



6391609



36521



9006780

# Rectangle

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



12607568



9861162



36521



33482



# Sweetspot

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



12607568



16438221



12603569



8217953



16579836



8224125



# Same Dimension

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



12607568



16409675



12621648



6379863



10557184



2163968



# Inverse Universe

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



5288128



4973050



5274048



5726305



35489



7201



# Previews

## White Background



This preview shows how the Decimal color 12607568 looks on a white background.

## Color Contrast Check

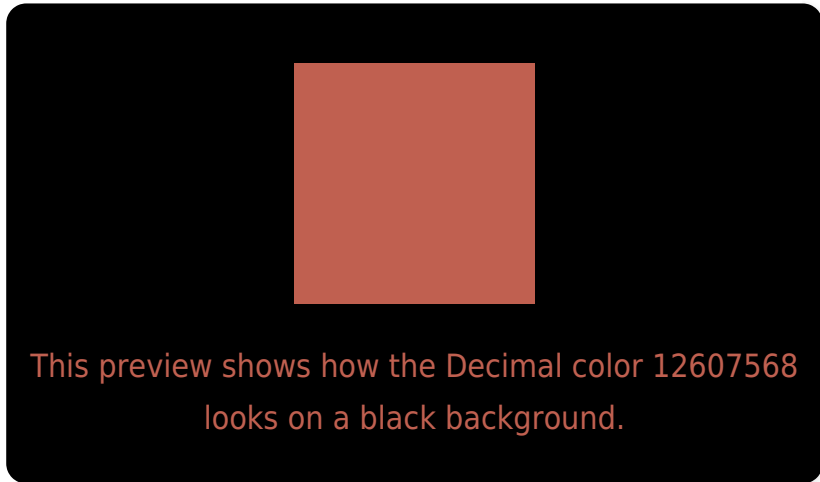
Large Text (above 18pt) WCAG AA ✓ Pass

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 12607568 Background



This preview shows how black text looks on a background with the Decimal color 12607568.



This preview shows how white text looks on a background with the Decimal color 12607568.

# 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



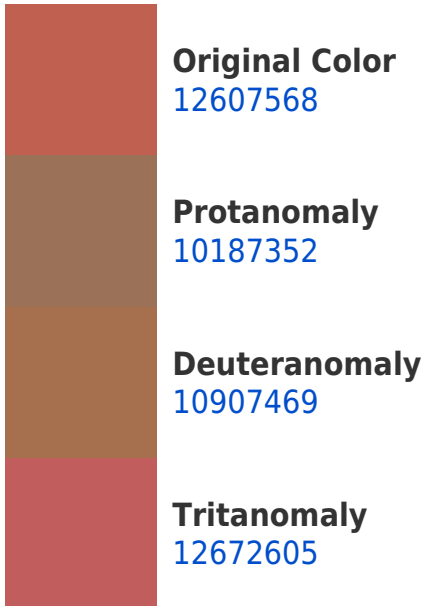
**Original Color**  
12607568

**Protanopia**  
8813660

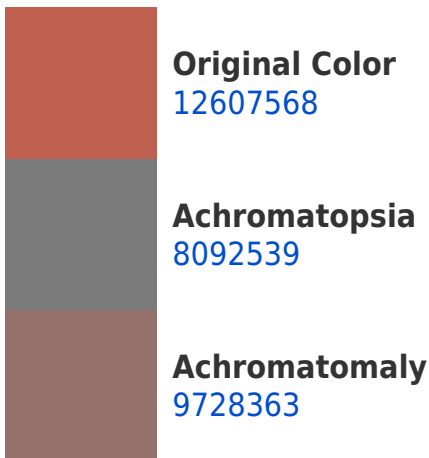
**Deuteranopia**  
9926476



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12607568 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 #C06050 looks like.

```
.text, #text, p{  
  color:#C06050  
}
```

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 #C06050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C06050
}
```

## Border

The CSS property to change the border of an element to Decimal 12607568 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
#C06050 }
```

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

```
.border{ border-color:#C06050 }
```

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

Here you see how a box with a 4 pixel #C06050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C06050; -webkit-box-shadow:4px 4px  
4px 4px #C06050; box-shadow:4px 4px 4px  
4px #C06050 }
```

# Background

The CSS property to change the background color of an element to Decimal 12607568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C06050 }
```

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

```
.background{ background-color:#C06050 }
```

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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