

# Converting Colors

Decimal(12481289)

Have a look what the booklet for  
Decimal(12481289) contains.

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# Color

**Decimal(12481289)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE7309
RGB	190, 115, 9
RGB Percent	75%, 45%, 4%
CMY	0.2549, 0.5490, 0.9647
CMYK	0.00, 0.39, 0.95, 0.25
HSL	35°, 91%, 39%
HSV	35°, 95%, 75%
XYZ	27.4152, 23.2283, 3.2970
YIQ	125.3410, 78.7260, -17.0660

# Conversions

## Conversions Part 2

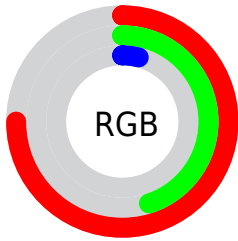
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 190, 9
Decimal	12481289
CIELab	55.31, 23.00, 60.61
CIElCh	55, 64.824, 69.215
Yxy	23.2283, 0.5082, 0.4306
Android (android.graphics.Color)	4290671369 (0xFFBE7309)
YUV	125.3410, -57.3561, 56.7059
Hunter-Lab	48.1958, 17.1937, 29.6811

# Details

The Decimal color **12481289** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **611518**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **16557894**, and **8602112** is the 20% darker color. If you saturate the color by 10%, you get **12480256**, and if you desaturate by 10%, it is **12483356**.

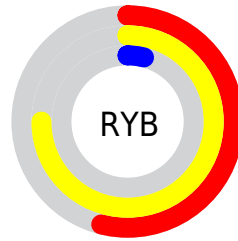
# Distribution



Red (75%)

Green (45%)

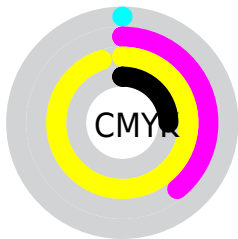
Blue (4%)



Red (54%)

Yellow (75%)

Blue (4%)

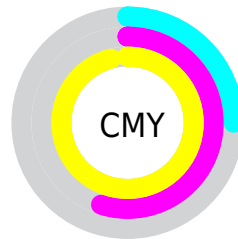


Cyan (0%)

Magenta (39%)

Yellow (95%)

Black (25%)



Cyan (25%)

Magenta (55%)







Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12481289 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 12481289 by changing the saturation by 10% instead.



 12481289	 12481289
16777215	 10508800
 16557894	 8602112
 16761441	 6630400
 16768635	 4789760
 16776086	 3080192
 16777138	 458752
 16777166	 0
 16777195	
 12481289	 12481289

■ 12480256

■ 12483356

■ 12485423

■ 12487490

■ 12489301

■ 12491368

■ 12493435

■ 12495502

■ 12497569

■ 12499636

# Harmonies

## Analogous

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



14572096



12481289



9406208

# Triad

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



12481289



40597



10251740

# Complementary

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



12481289



611518

# 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.



34292



12481289



40394

# Square

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



12481289



40026



38382



13915054

# Rectangle

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



12481289



6852876



38382



8287975



# Sweetspot

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



12481289



16243376



12454228



8219473



16579836



8224125



# Same Dimension

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



12481289



16224512



11517449



6183509



10378496



2036224



# Inverse Universe

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



611518



26359



1575358



5593438



17054



3359



# Previews

## White Background



This preview shows how the Decimal color 12481289 looks on a white background.

## Color Contrast Check

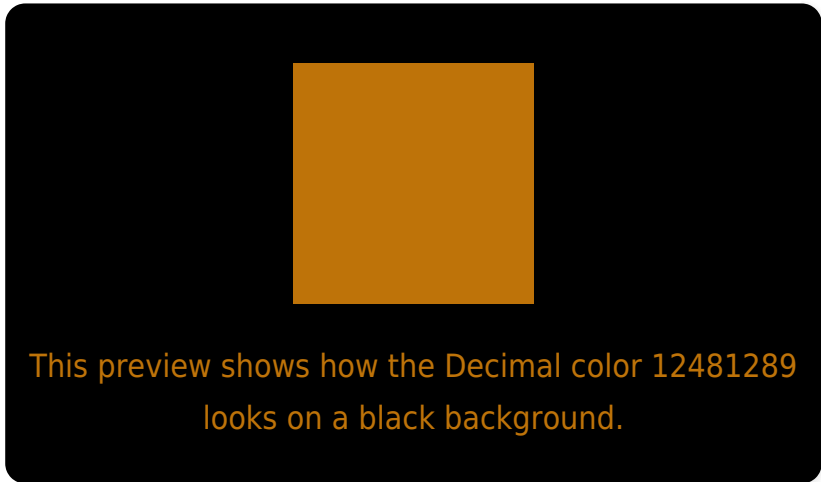
Large Text (above 18pt) WCAG AA ✓ Pass

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 12481289 Background



This preview shows how black text looks on a background with the Decimal color 12481289.



This preview shows how white text looks on a background with the Decimal color 12481289.

# 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**  
12481289

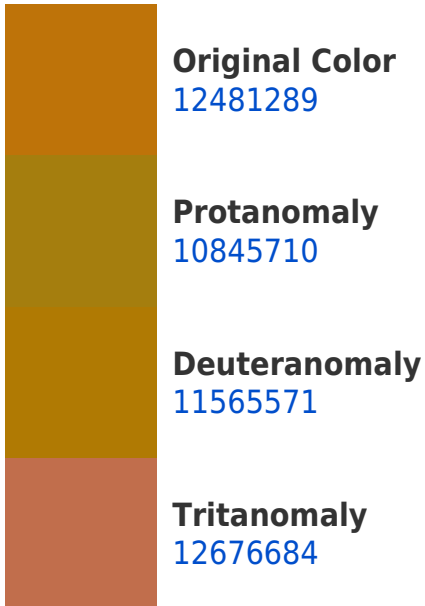
**Protanopia**  
9864465

**Deuteranopia**  
11042304

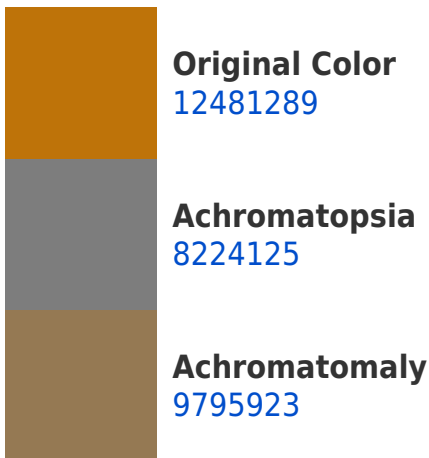


**Tritanopia**  
12741491

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12481289 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 #BE7309 looks like.

```
.text, #text, p{  
    color:#BE7309  
}
```

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 #BE7309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE7309
}
```

## Border

The CSS property to change the border of an element to Decimal 12481289 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
#BE7309 }
```

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

```
.border{ border-color:#BE7309 }
```

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

Here you see how a box with a 4 pixel #BE7309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE7309; -webkit-box-shadow:4px 4px  
4px 4px #BE7309; box-shadow:4px 4px 4px  
4px #BE7309 }
```

# Background

The CSS property to change the background color of an element to Decimal 12481289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE7309 }
```

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

```
.background{ background-color:#BE7309 }
```

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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