

Converting Colors

Decimal(12545792)

Have a look what the booklet for
Decimal(12545792) contains.

Decimal(12545792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(12545792)

Conversions

Conversions Part 1

Format	Color
Hex	BF6F00
RGB	191, 111, 0
RGB Percent	75%, 44%, 0%
CMY	0.2510, 0.5647, 1.0000
CMYK	0.00, 0.42, 1.00, 0.25
HSL	35°, 100%, 37%
HSV	35°, 100%, 75%
XYZ	27.1703, 22.4452, 2.9003
YIQ	122.2660, 83.3110, -17.5610

Conversions

Conversions Part 2

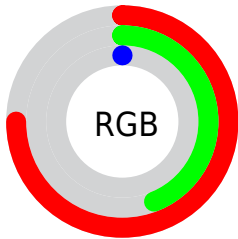
Format	Color
R_{YB}	138, 191, 0
Decimal	12545792
CIE Lab	54.50, 25.51, 61.82
CIE LCh	54, 66.872, 67.575
Yxy	22.4452, 0.5174, 0.4274
Android (android.graphics.Color)	4290735872 (0xFFBF6F00)
YUV	122.2660, -60.2771, 60.2797
Hunter-Lab	47.3764, 19.4607, 29.5338

Details

The Decimal color **12545792** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **20671**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **16622402**, and **8601088** is the 20% darker color. If you saturate the color by 10%, you get **12545792**, and if you desaturate by 10%, it is **12547859**.

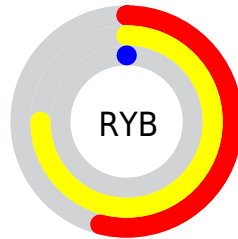
Distribution



Red (75%)

Green (44%)

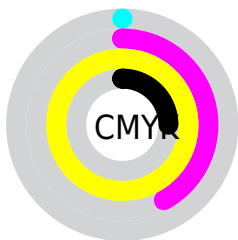
Blue (0%)



Red (54%)

Yellow (75%)

Blue (0%)

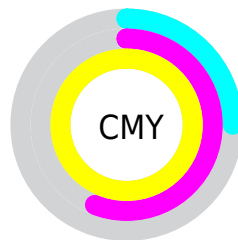


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (25%)



Cyan (25%)
















Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12545792 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 12545792 by changing the saturation by 10% instead.

 12545792	 12545792
 16777215	 10573312
 16622402	 8601088
 16760412	 6694912
 16767607	 4788480
 16775058	 3080192
 16777134	 327680
 16777162	 0
 16777191	
 12545792	

 12547859

 12549926

 12551993

 12554060

 12556128

 12558195

 12560262

 12562329

 12564396

Harmonies

Analogous

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



14636095



12545792



9405696

Triad

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



12545792



40080



9858271

Complementary

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



12545792



20671

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.



34294



12545792



39880

Square

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



12545792



39508



38125



13782960

Rectangle

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



12545792



6852352



38125



7697898

Sweetspot

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



12545792



16242861



12517459



8219216



16579836



8224125

Same Dimension

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



12545792



16224256



11714304



6183509



10378240



2036224

Inverse Universe

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



20671



26871



852159



5593438



17054



3359

Previews

White Background



This preview shows how the Decimal color 12545792 looks on a white background.

Color Contrast Check

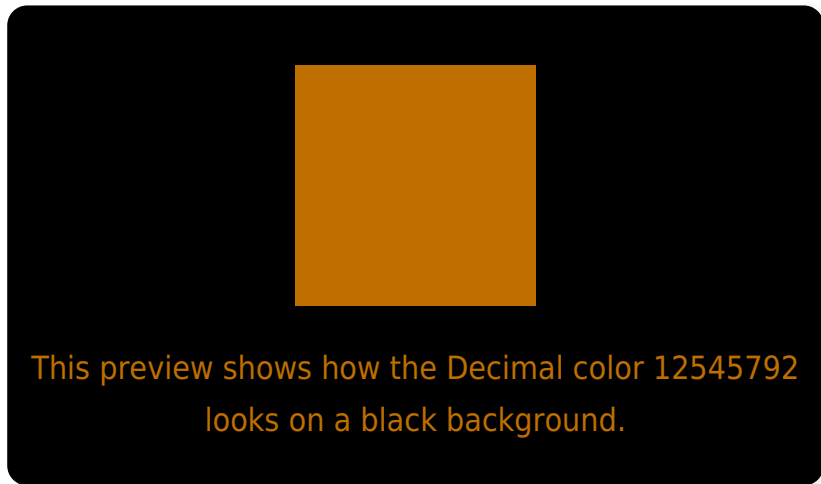
Large Text (above 18pt) WCAG AA ✓ Pass

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 12545792 Background



This preview shows how black text looks on a background with the Decimal color 12545792.



This preview shows how white text looks on a background with the Decimal color 12545792.

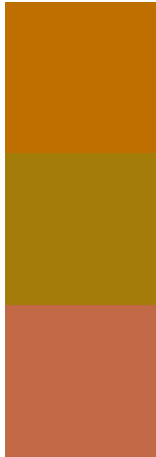
Color Blindness Simulation

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



Trichromacy



Original Color
12545792

Protanomaly
10779658

Tritanomaly
12741191

Monochromacy



Original Color
12545792

Achromatopsia
8026746

Achromatomaly
9664078

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12545792 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 #BF6F00 looks like.

```
.text, #text, p{  
    color:#BF6F00  
}
```

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 #BF6F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF6F00
}
```

Border

The CSS property to change the border of an element to Decimal 12545792 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
#BF6F00 }
```

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

```
.border{ border-color:#BF6F00 }
```

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

Here you see how a box with a 4 pixel #BF6F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF6F00; -webkit-box-shadow:4px 4px  
4px 4px #BF6F00; box-shadow:4px 4px 4px  
4px #BF6F00 }
```

Background

The CSS property to change the background color of an element to Decimal 12545792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF6F00 }
```

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

```
.background{ background-color:#BF6F00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor