

# Converting Colors

Decimal(12539136)

Have a look what the booklet for  
Decimal(12539136) contains.

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# Color

**Decimal(12539136)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF5500
RGB	191, 85, 0
RGB Percent	75%, 33%, 0%
CMY	0.2510, 0.6667, 1.0000
CMYK	0.00, 0.55, 1.00, 0.25
HSL	27°, 100%, 37%
HSV	27°, 100%, 75%
XYZ	24.7344, 17.5734, 2.0884
YIQ	107.0040, 90.4610, -3.9630

# Conversions

## Conversions Part 2

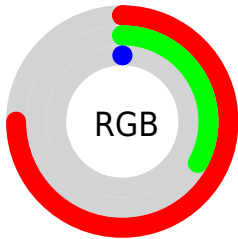
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 153, 0
Decimal	12539136
CIE <sub>Lab</sub>	48.97, 39.16, 58.49
CIE <sub>LCh</sub>	49, 70.387, 56.198
Yxy	17.5734, 0.5571, 0.3958
Android (android.graphics.Color)	4290729216 (0xFFBF5500)
YUV	107.0040, -52.7530, 73.6645
Hunter-Lab	41.9206, 31.9591, 26.3908

# Details

The Decimal color **12539136** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **27327**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **16681277**, and **8528384** is the 20% darker color. If you saturate the color by 10%, you get **12539136**, and if you desaturate by 10%, it is **12541971**.

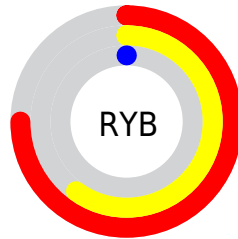
# Distribution



Red (75%)

Green (33%)

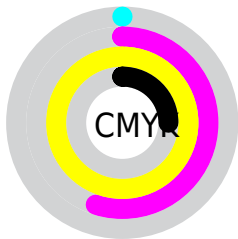
Blue (0%)



Red (75%)

Yellow (60%)

Blue (0%)

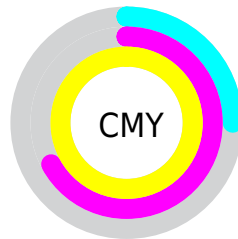


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12539136 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 12539136 by changing the saturation by 10% instead.



 12539136

 12539136

16777212

 10501120

 16681277

 8528384

 16753750

 6554368

 16760945

 4653056

 16768139

 3014658

 16775590

 0

 16777154

 16777183

 12539136

 12541971

 12544550

 12547385

 12549964

 12552800

 12555635

 12558214

 12561049

 12563628

# Harmonies

## Analogous

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



14169156



12539136



9662208

# Triad

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



12539136



36459



6056161

# Complementary

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



12539136



27327

# 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.



32493



12539136



36520

# Square

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



12539136



35115



35544



11749304

# Rectangle

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



12539136



7306240



35544



29160



# Sweetspot

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



12539136



16240301



12517484



8217680



16579836



8224125



# Same Dimension

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



12539136



16215552



12562944



6183253



10372608



2035200



# Inverse Universe

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



27327



35319



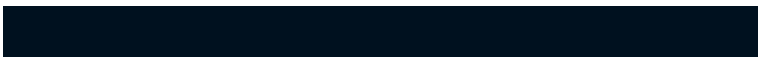
3519



5593694



22686



4383



# Previews

## White Background



This preview shows how the Decimal color 12539136 looks on a white background.

## Color Contrast Check

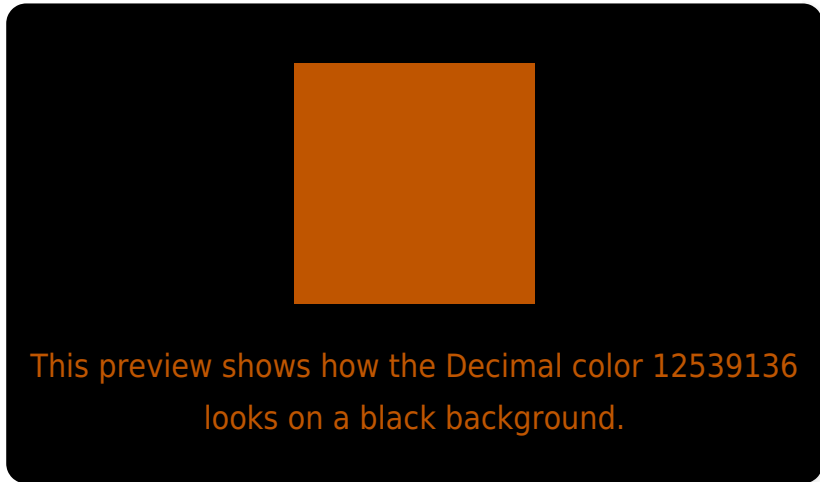
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 12539136 Background



This preview shows how black text looks on a background with the Decimal color 12539136.



This preview shows how white text looks on a background with the Decimal color 12539136.

# 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**  
12539136

**Protanomaly**  
10053899

**Tritanomaly**  
12603701

# Monochromacy



**Original Color**  
12539136

**Achromatopsia**  
7039851

**Achromatomaly**  
9069380

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12539136 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 #BF5500 looks like.

```
.text, #text, p{  
    color:#BF5500  
}
```

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 #BF5500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF5500
}
```

## Border

The CSS property to change the border of an element to Decimal 12539136 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
#BF5500 }
```

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

```
.border{ border-color:#BF5500 }
```

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

Here you see how a box with a 4 pixel #BF5500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5500; -webkit-box-shadow:4px 4px  
4px 4px #BF5500; box-shadow:4px 4px 4px  
4px #BF5500 }
```

# Background

The CSS property to change the background color of an element to Decimal 12539136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF5500 }
```

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

```
.background{ background-color:#BF5500 }
```

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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