

# Converting Colors

Decimal(12346128)

Have a look what the booklet for  
Decimal(12346128) contains.

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# Color

**Decimal(12346128)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC6310
RGB	188, 99, 16
RGB Percent	74%, 39%, 6%
CMY	0.2627, 0.6118, 0.9373
CMYK	0.00, 0.47, 0.91, 0.26
HSL	29°, 84%, 40%
HSV	29°, 91%, 74%
XYZ	25.2944, 19.6525, 2.9504
YIQ	116.1490, 79.6870, -6.9450

# Conversions

## Conversions Part 2

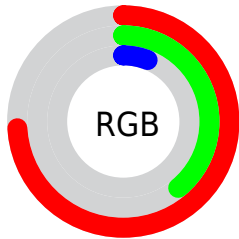
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 176, 16
Decimal	12346128
CIE <sub>Lab</sub>	51.44, 30.91, 56.21
CIE <sub>LCh</sub>	51, 64.148, 61.190
Yxy	19.6525, 0.5281, 0.4103
Android (android.graphics.Color)	4290536208 (0xFFBC6310)
YUV	116.1490, -49.3735, 63.0133
Hunter-Lab	44.3311, 24.2690, 27.0859

# Details

The Decimal color **12346128** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **1075644**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **16422727**, and **8401408** is the 20% darker color. If you saturate the color by 10%, you get **12344064**, and if you desaturate by 10%, it is **12348707**.

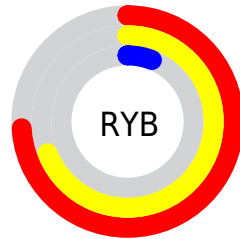
# Distribution



Red (74%)

Green (39%)

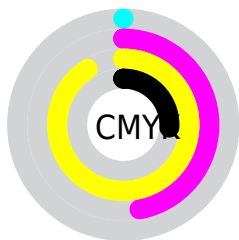
Blue (6%)



Red (74%)

Yellow (69%)

Blue (6%)

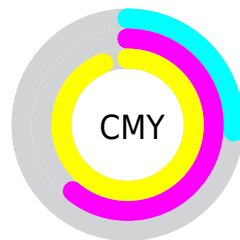


Cyan (0%)

Magenta (47%)

Yellow (91%)

Black (26%)



Cyan (26%)

Magenta (61%)



















Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12346128 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 12346128 by changing the saturation by 10% instead.



 12346128	 12346128
 16777215	 10373632
 16422727	 8401408
 16757345	 6494976
 16764539	 4587776
 16771734	 3014657
 16777137	 0
 16777165	
 16777194	
 12346128	 12346128

■ 12344064

■ 12348707

■ 12351030

■ 12353608

■ 12356187

■ 12358766

■ 12361089

■ 12363668

■ 12366246

■ 12368825

# Harmonies

## Analogous

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



14043717



12346128



9599232

# Triad

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



12346128



37755



8023001

# Complementary

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



12346128



1075644

# 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.



33257



12346128



37810

# Square

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



12346128



36930



36571



12406704

# Rectangle

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



12346128



7242496



36571



5534690



# Sweetspot

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



12346128



16110515



12324972



8021587



16448250



8026746



# Same Dimension

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



12346128



16086528



12367376



6183253



10374144



2035456



# Inverse Universe

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



1075644



32757



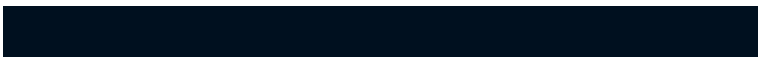
1054396



5593694



21150



4127



# Previews

## White Background



This preview shows how the Decimal color 12346128 looks on a white background.

## Color Contrast Check

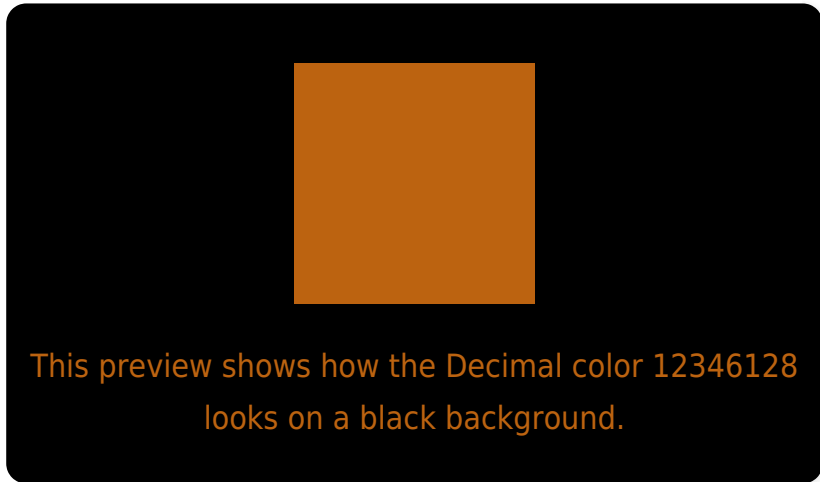
Large Text (above 18pt) WCAG AA ✓ Pass

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 12346128 Background



This preview shows how black text looks on a background with the Decimal color 12346128.



This preview shows how white text looks on a background with the Decimal color 12346128.

# 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



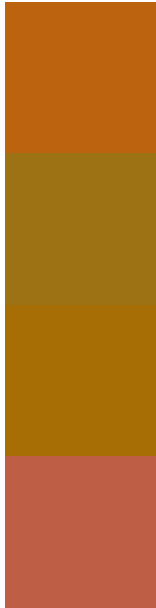
**Original Color**  
12346128

**Protanopia**  
9141015

**Deuteranopia**  
10253568



# Trichromacy



**Original Color**  
12346128

**Protanomaly**  
10318356

**Deuteranomaly**  
11038214

**Tritanomaly**  
12476229

# Monochromacy



**Original Color**  
12346128

**Achromatopsia**  
7631988

**Achromatomaly**  
9334352

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12346128 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 #BC6310 looks like.

```
.text, #text, p{  
  color:#BC6310  
}
```

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 #BC6310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC6310
}
```

## Border

The CSS property to change the border of an element to Decimal 12346128 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
#BC6310 }
```

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

```
.border{ border-color:#BC6310 }
```

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

Here you see how a box with a 4 pixel #BC6310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC6310; -webkit-box-shadow:4px 4px  
4px 4px #BC6310; box-shadow:4px 4px 4px  
4px #BC6310 }
```

# Background

The CSS property to change the background color of an element to Decimal 12346128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC6310 }
```

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

```
.background{ background-color:#BC6310 }
```

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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