

# Converting Colors

Decimal(12529158)

Have a look what the booklet for  
Decimal(12529158) contains.

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**Color**

**Decimal(12529158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF2E06
RGB	191, 46, 6
RGB Percent	75%, 18%, 2%
CMY	0.2510, 0.8196, 0.9765
CMYK	0.00, 0.76, 0.97, 0.25
HSL	13°, 94%, 39%
HSV	13°, 97%, 75%
XYZ	22.4957, 13.0435, 1.5043
YIQ	84.7950, 99.2600, 18.3000

# Conversions

## Conversions Part 2

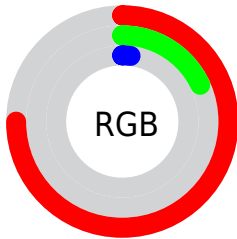
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 57, 6
Decimal	12529158
CIE <sub>Lab</sub>	42.83, 55.71, 53.44
CIE <sub>LCh</sub>	43, 77.198, 43.807
Yxy	13.0435, 0.6073, 0.3521
Android (android.graphics.Color)	4290719238 (0xFFBF2E06)
YUV	84.7950, -38.8459, 93.1418
Hunter-Lab	36.1158, 47.9810, 22.8115

# Details

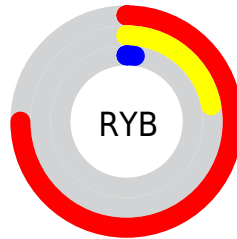
The Decimal color **12529158** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **432063**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16738106**, and **8388608** is the 20% darker color. If you saturate the color by 10%, you get **12527872**, and if you desaturate by 10%, it is **12533017**.

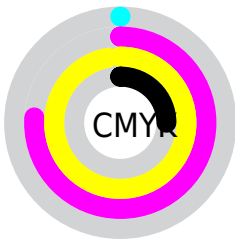
# Distribution



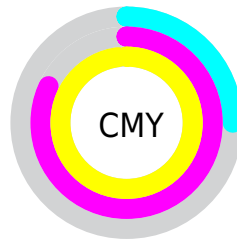
- Red (75%)
- Green (18%)
- Blue (2%)



- Red (75%)
- Yellow (22%)
- Blue (2%)



- Cyan (0%)
- Magenta (76%)
- Yellow (97%)
- Black (25%)



- Cyan (25%)
- Magenta (82%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12529158 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 12529158 by changing the saturation by 10% instead.



 12529158	 12529158
 16777206	 10420992
 16738106	 8388608
 16745299	 6356992
 16752492	 4456449
 16759687	 2490369
 16767137	 0
 16774589	
 16777177	
 12529158	 12529158

■ 12527872

■ 12533017

■ 12536876

■ 12540735

■ 12544594

■ 12548453

■ 12552313

■ 12556172

■ 12560031

■ 12563890

# Harmonies

## Analogous

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



13697099



12529158



9983232

# Triad

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



12529158



32063



25827

# Complementary

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



12529158



432063

# 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.



30690



12529158



32642

# Square

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



12529158



30720



32445



8995267

# Rectangle

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



12529158



7693824



32445



27879



# Sweetspot

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



12529158



16236464



12519066



8215377



16579836



8224125



# Same Dimension

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



12529158



16200960



12552198



6182741



10363392



2033408



# Inverse Universe

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



432063



49911



409023



5594206



31902



6175



# Previews

## White Background



This preview shows how the Decimal color 12529158 looks on a white background.

## Color Contrast Check

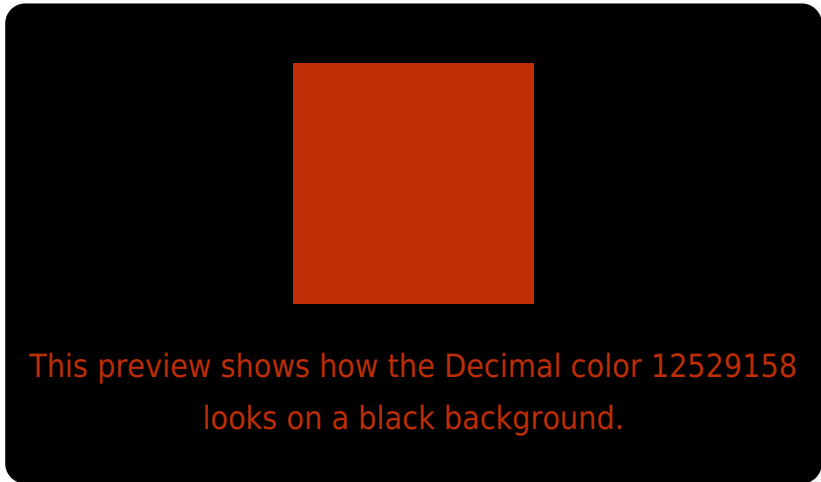
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12529158 Background



This preview shows how black text looks on a background with the Decimal color 12529158.



This preview shows how white text looks on a background with the Decimal color 12529158.

# 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**  
12529158

**Protanopia**  
7562775

**Deuteranopia**  
8478976



# Trichromacy



**Original Color**  
12529158

**Protanomaly**  
9392657

**Deuteranomaly**  
9981442

**Tritanomaly**  
12594206

# Monochromacy



**Original Color**  
12529158

**Achromatopsia**  
5592405

**Achromatomaly**  
8144696

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12529158 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 #BF2E06 looks like.

```
.text, #text, p{  
  color:#BF2E06  
}
```

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 #BF2E06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF2E06
}
```

## Border

The CSS property to change the border of an element to Decimal 12529158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

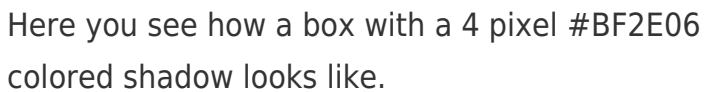
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF2E06 }
```

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

```
.border{ border-color:#BF2E06 }
```

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



Here you see how a box with a 4 pixel `#BF2E06` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF2E06; -webkit-box-shadow:4px 4px  
4px 4px #BF2E06; box-shadow:4px 4px 4px  
4px #BF2E06 }
```

# Background

The CSS property to change the background color of an element to Decimal 12529158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF2E06 }
```

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

```
.background{ background-color:#BF2E06 }
```

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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