

# Converting Colors

Decimal(12266509)

Have a look what the booklet for  
Decimal(12266509) contains.

<b>Decimal(12266509)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(12266509)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB2C0D
RGB	187, 44, 13
RGB Percent	73%, 17%, 5%
CMY	0.2667, 0.8275, 0.9490
CMYK	0.00, 0.76, 0.93, 0.27
HSL	11°, 87%, 39%
HSV	11°, 93%, 73%
XYZ	21.4668, 12.3952, 1.6419
YIQ	83.2230, 95.1790, 20.6750

# Conversions

## Conversions Part 2

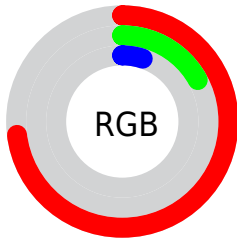
Format	Color
<b>RYB</b>	187, 51, 13
Decimal	12266509
CIELab	41.84, 55.20, 50.31
CIElCh	42, 74.683, 42.348
Yxy	12.3952, 0.6046, 0.3491
Android (android.graphics.Color)	4290456589 (0xFFBB2C0D)
YUV	83.2230, -34.6199, 91.0124
Hunter-Lab	35.2068, 47.2257, 21.8798

# Details

The Decimal color **12266509** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **892091**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **16475454**, and **8126464** is the 20% darker color. If you saturate the color by 10%, you get **12263680**, and if you desaturate by 10%, it is **12270368**.

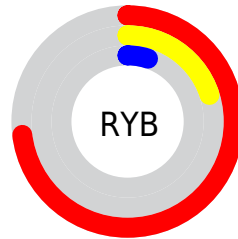
# Distribution



Red (73%)

Green (17%)

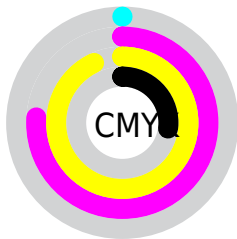
Blue (5%)



Red (73%)

Yellow (20%)

Blue (5%)

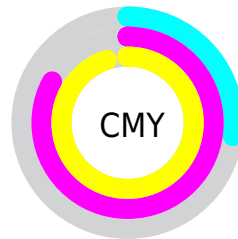


Cyan (0%)

Magenta (76%)

Yellow (93%)

Black (27%)



Cyan (27%)

Magenta (83%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12266509 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 12266509 by changing the saturation by 10% instead.



 12266509

 12266509

 16777209

 10223616

 16475454

 8126464

 16744791

 6160384

 16751984

 4259842

 16759178

 2228225

 16766629

 0

 16774080

 16777181

 12266509

 12266509

■ 12263680

■ 12270368

■ 12274482

■ 12278341

■ 12282200

■ 12286315

■ 12290173

■ 12294288

■ 12298147

■ 12302005

# Harmonies

## Analogous

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



13303885



12266509



9851392

# Triad

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



12266509



31290



25565

# Complementary

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



12266509



892091

# 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.



29914



12266509



31867

# Square

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



12266509



29696



31669



8471487

# Rectangle

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



12266509



7692800



31669



27360



# Sweetspot

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



12266509



15907758



12258718



8018001



16448250



8026746



# Same Dimension

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



12266509



15870720



12288269



6182741



10361856



2032896



# Inverse Universe

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



892091



51186



870331



5594462



33438



6431



# Previews

## White Background



This preview shows how the Decimal color 12266509 looks on a white background.

## Color Contrast Check

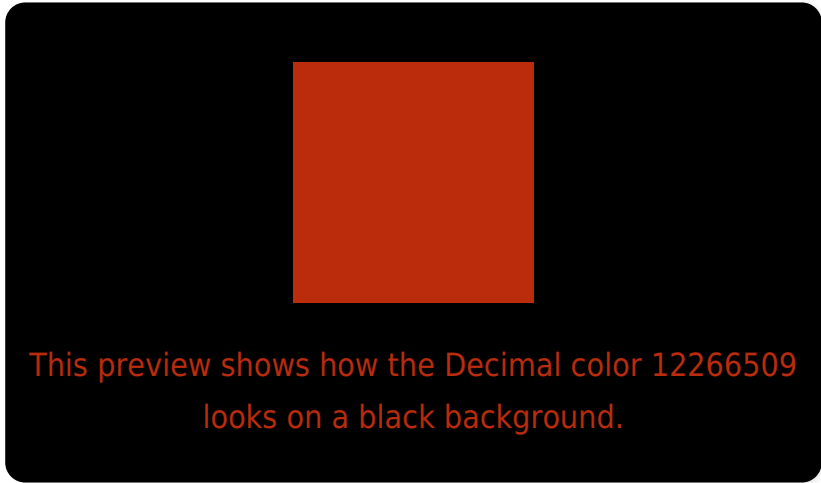
Large Text (above 18pt) WCAG AA ✓ Pass

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 12266509 Background



This preview shows how black text looks on a background with the Decimal color 12266509.



This preview shows how white text looks on a background with the Decimal color 12266509.

# 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



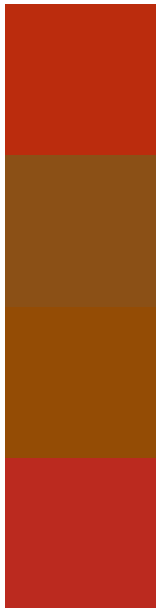
**Original Color**  
12266509

**Protanopia**  
7365659

**Deuteranopia**  
8281856



# Trichromacy



**Original Color**  
12266509

**Protanomaly**  
9130006

**Deuteranomaly**  
9718789

**Tritanomaly**  
12266015

# Monochromacy



**Original Color**  
12266509

**Achromatopsia**  
5460819

**Achromatomaly**  
7947578

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12266509 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 #BB2C0D looks like.

```
.text, #text, p{  
    color:#BB2C0D  
}
```

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 #BB2C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2C0D
}
```

## Border

The CSS property to change the border of an element to Decimal 12266509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

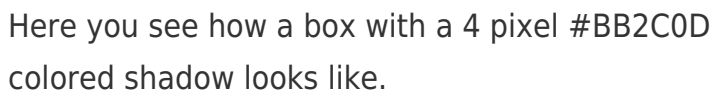
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB2C0D }
```

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

```
.border{ border-color:#BB2C0D }
```

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



Here you see how a box with a 4 pixel `#BB2C0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2C0D; -webkit-box-shadow:4px 4px  
4px 4px #BB2C0D; box-shadow:4px 4px 4px  
4px #BB2C0D }
```

# Background

The CSS property to change the background color of an element to Decimal 12266509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2C0D }
```

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

```
.background{ background-color:#BB2C0D }
```

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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