

# Converting Colors

Decimal(11819549)

Have a look what the booklet for  
Decimal(11819549) contains.

<b>Decimal(11819549)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(11819549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B45A1D
RGB	180, 90, 29
RGB Percent	71%, 35%, 11%
CMY	0.2941, 0.6471, 0.8863
CMYK	0.00, 0.50, 0.84, 0.29
HSL	24°, 72%, 41%
HSV	24°, 84%, 71%
XYZ	22.7003, 17.1043, 3.2674
YIQ	109.9560, 73.2210, 0.1090

# Conversions

## Conversions Part 2

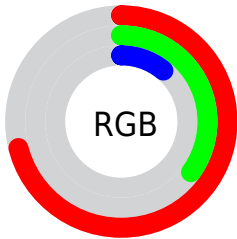
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 131, 29
Decimal	11819549
CIE Lab	48.39, 32.67, 48.87
CIE LCh	48, 58.784, 56.236
Yxy	17.1043, 0.5270, 0.3971
Android (android.graphics.Color)	4290009629 (0xFFB45A1D)
YUV	109.9560, -39.9113, 61.4286
Hunter-Lab	41.3574, 25.6000, 24.2660

# Details

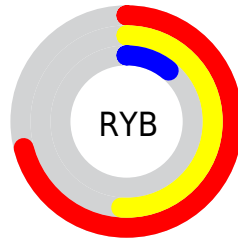
The Decimal color **11819549** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1931188**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **15830351**, and **7940352** is the 20% darker color. If you saturate the color by 10%, you get **11816715**, and if you desaturate by 10%, it is **11822383**.

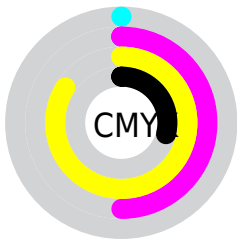
# Distribution



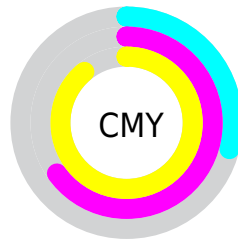
- Red (71%)
- Green (35%)
- Blue (11%)



- Red (71%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (50%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11819549 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 11819549 by changing the saturation by 10% instead.





11819549



11819549

16777215



9847040



15830351



7940352



16754792



6033408



16761986



4128768



16769181



2555905



16776632



0



16777172



16777201



11819549



11819549

■ 11816715

■ 11822383

■ 11815168

■ 11824961

■ 11827795

■ 11830629

■ 11833463

■ 11836041

■ 11838875

■ 11841709

■ 11844543

# Harmonies

## Analogous

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



13190474



11819549



9400064

# Triad

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



11819549



35179



6580429

# Complementary

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



11819549



1931188

# 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.



31703



11819549



35230

# Square

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



11819549



34104



34245



11030955

# Rectangle

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



11819549



7436544



34245



3960787



# Sweetspot

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



11819549



15452336



11804024



7692370



16119285



7697781



# Same Dimension

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



11819549



15425280



11838749



5854288



10042880



1706496



# Inverse Universe

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



1931188



36075



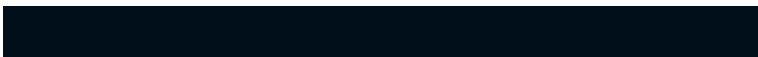
1911988



5264985



23449



3866



# Previews

## White Background



This preview shows how the Decimal color 11819549 looks on a white background.

## Color Contrast Check

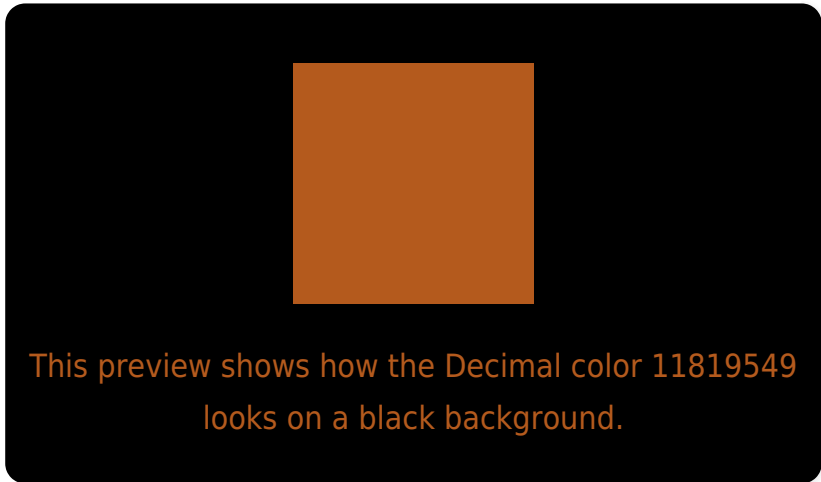
Large Text (above 18pt) WCAG AA ✓ Pass

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 11819549 Background



This preview shows how black text looks on a background with the Decimal color 11819549.



This preview shows how white text looks on a background with the Decimal color 11819549.

# 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**  
11819549

**Protanopia**  
8483876

**Deuteranopia**  
9596435



# Trichromacy



**Original Color**  
11819549

**Protanomaly**  
9726753

**Deuteranomaly**  
10381079

**Tritanomaly**  
11949636

# Monochromacy



**Original Color**  
11819549

**Achromatopsia**  
7237230

**Achromatomaly**  
8873809

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11819549 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 #B45A1D looks like.

```
.text, #text, p{  
    color:#B45A1D  
}
```

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 #B45A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45A1D
}
```

## Border

The CSS property to change the border of an element to Decimal 11819549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

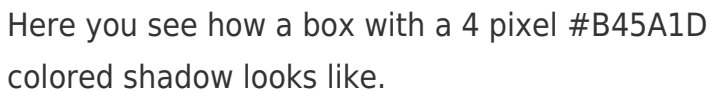
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45A1D }
```

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

```
.border{ border-color:#B45A1D }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B45A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45A1D; -webkit-box-shadow:4px 4px  
4px 4px #B45A1D; box-shadow:4px 4px 4px  
4px #B45A1D }
```

# Background

The CSS property to change the background color of an element to Decimal 11819549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45A1D }
```

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

```
.background{ background-color:#B45A1D }
```

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