

# Converting Colors

Decimal(11672576)

Have a look what the booklet for  
Decimal(11672576) contains.

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**Color**

**Decimal(11672576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B21C00
RGB	178, 28, 0
RGB Percent	70%, 11%, 0%
CMY	0.3020, 0.8902, 1.0000
CMYK	0.00, 0.84, 1.00, 0.30
HSL	9°, 100%, 35%
HSV	9°, 100%, 70%
XYZ	18.7754, 10.2955, 0.9977
YIQ	69.6580, 98.3880, 23.0920

# Conversions

## Conversions Part 2

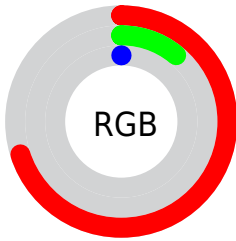
Format	Color
R <sub>Y</sub> B	178, 33, 0
Decimal	11672576
CIE Lab	38.37, 56.85, 51.89
CIE LCh	38, 76.971, 42.385
Yxy	10.2955, 0.6244, 0.3424
Android (android.graphics.Color)	4289862656 (0xFFB21C00)
YUV	69.6580, -34.3414, 95.0159
Hunter-Lab	32.0866, 48.2971, 20.6171

# Details

The Decimal color **11672576** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **38578**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **15882547**, and **7536640** is the 20% darker color. If you saturate the color by 10%, you get **11672576**, and if you desaturate by 10%, it is **11676434**.

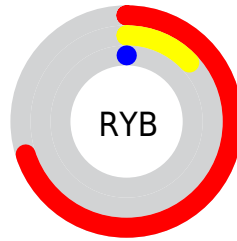
# Distribution



Red (70%)

Green (11%)

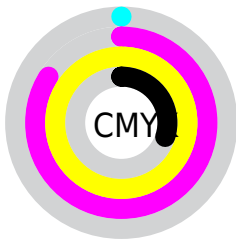
Blue (0%)



Red (70%)

Yellow (13%)

Blue (0%)

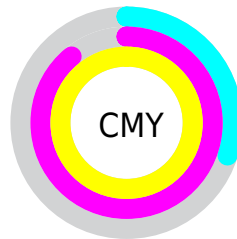


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (89%)
















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11672576 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 11672576 by changing the saturation by 10% instead.



 11672576	 11672576
 16777196	 9633792
 15882547	 7536640
 16741707	 5570560
 16748900	 3735554
 16756094	 1048576
 16763544	 0
 16770996	
 16777168	
 11672576	

 11676434

 11680292

 11684149

 11688007

 11691865

 11695723

 11699581

 11703438

 11707296

# Harmonies

## Analogous

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



12714052



11672576



9193728

# Triad

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



11672576



28977



23511

# Complementary

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



11672576



38578

# 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.



27859



11672576



29556

# Square

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



11672576



27648



29358



7878840

# Rectangle

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



11672576



7035392



29358



25306



# Sweetspot

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



11672576



15248802



11665559



7688779



16119285



7697781



# Same Dimension

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



11672576



15213824



11695104



5853776



10033152



1704960



# Inverse Universe

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



38578



50408



16050



5265497



33177



5402



# Previews

## White Background



This preview shows how the Decimal color 11672576 looks on a white background.

## Color Contrast Check

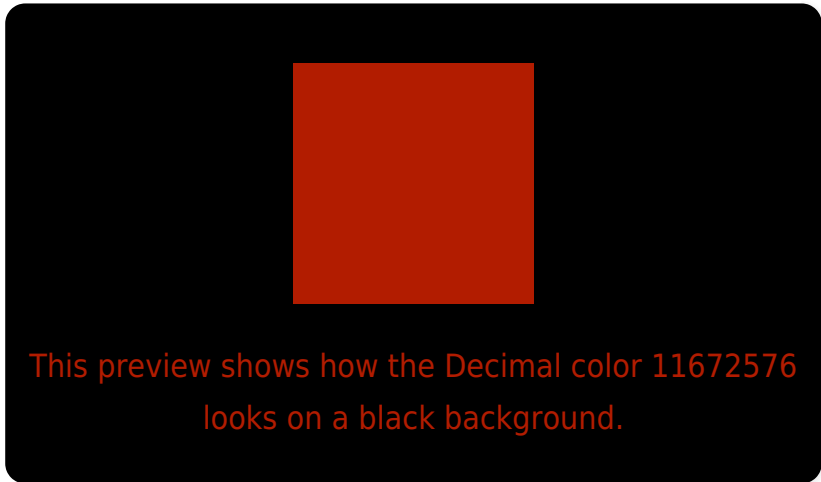
Large Text (above 18pt) WCAG AA ✓ Pass

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 11672576 Background



This preview shows how black text looks on a background with the Decimal color 11672576.



This preview shows how white text looks on a background with the Decimal color 11672576.

# 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



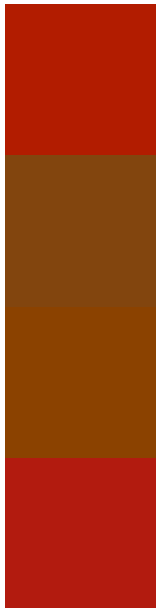
**Original Color**  
11672576

**Protanopia**  
6773782

**Deuteranopia**  
7624448



# Trichromacy



**Original Color**  
11672576

**Protanomaly**  
8537358

**Deuteranomaly**  
9126400

**Tritanomaly**  
11672335

# Monochromacy



**Original Color**  
11672576

**Achromatopsia**  
4605510

**Achromatomaly**  
7157549

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11672576 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 #B21C00 looks like.

```
.text, #text, p{  
  color:#B21C00  
}
```

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 #B21C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21C00
}
```

## Border

The CSS property to change the border of an element to Decimal 11672576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

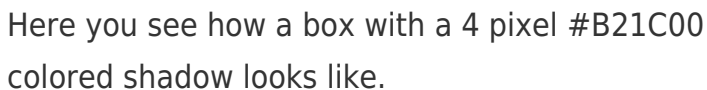
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B21C00 }
```

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

```
.border{ border-color:#B21C00 }
```

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



Here you see how a box with a 4 pixel #B21C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21C00; -webkit-box-shadow:4px 4px  
4px 4px #B21C00; box-shadow:4px 4px 4px  
4px #B21C00 }
```

# Background

The CSS property to change the background color of an element to Decimal 11672576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21C00 }
```

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

```
.background{ background-color:#B21C00 }
```

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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