

# Converting Colors

Decimal(5970203)

Have a look what the booklet for  
Decimal(5970203) contains.

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**Color**

**Decimal(5970203)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B191B
RGB	91, 25, 27
RGB Percent	36%, 10%, 11%
CMY	0.6431, 0.9020, 0.8941
CMYK	0.00, 0.73, 0.70, 0.64
HSL	358°, 57%, 23%
HSV	358°, 73%, 36%
XYZ	4.8598, 2.9985, 1.3595
YIQ	44.9620, 38.6940, 14.6140

# Conversions

## Conversions Part 2

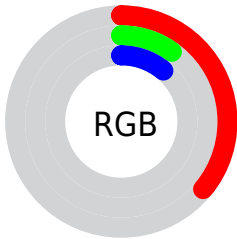
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 25, 27
Decimal	5970203
CIELab	20.04, 30.24, 15.74
CIELCh	20, 34.092, 27.488
Yxy	2.9985, 0.5272, 0.3253
Android (android.graphics.Color)	4284160283 (0xFF5B191B)
YUV	44.9620, -8.8553, 40.3753
Hunter-Lab	17.3163, 19.7928, 7.4664

# Details

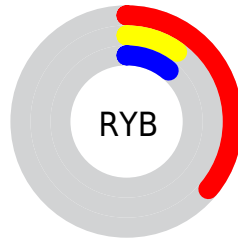
The Decimal color **5970203** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1661785**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **9587014**, and **2818049** is the 20% darker color. If you saturate the color by 10%, you get **5967890**, and if you desaturate by 10%, it is **5972516**.

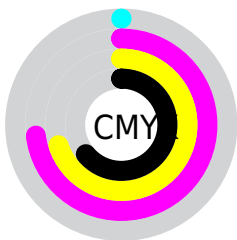
# Distribution



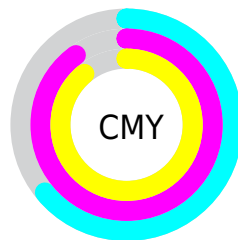
- Red (36%)
- Green (10%)
- Blue (11%)



- Red (36%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (73%)
- Yellow (70%)
- Black (64%)



- Cyan (64%)
- Magenta (90%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5970203 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 5970203 by changing the saturation by 10% instead.



■ 5970203

■ 5970203

16777215

■ 4259840

■ 9587014

■ 2818049

■ 11428446

■ 0

■ 13269879

■ 15242896

■ 16757163

■ 16764102

■ 16771554

■ 5970203

■ 5970203

■ 5967890

■ 5972516

■ 5965577

■ 5974829

■ 5963779

■ 5977141

■ 5979454

■ 5981767

■ 5984336

■ 5986649

■ 5988962

■ 5991274

# Harmonies

## Analogous

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



5969204



5970203



5252097

# Triad

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



5970203



14868



13411

# Complementary

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



5970203



1661785

# 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.



14682



5970203



15149

# Square

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



5970203



2504192



15431



2829149

# Rectangle

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



5970203



4532992



15431



13921



# Sweetspot

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



5970203



7691100



5839195



3877676



12237498



3881787



# Same Dimension

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



5970203



7671570



5978137



3025193



7208963



15532039



# Inverse Universe

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



5970203



7671570



1653851



3025193



7208963

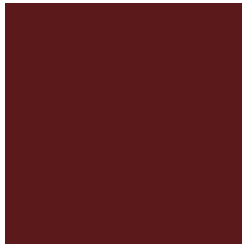


15532039



# Previews

## White Background



This preview shows how the Decimal color 5970203 looks on a white background.

## Color Contrast Check

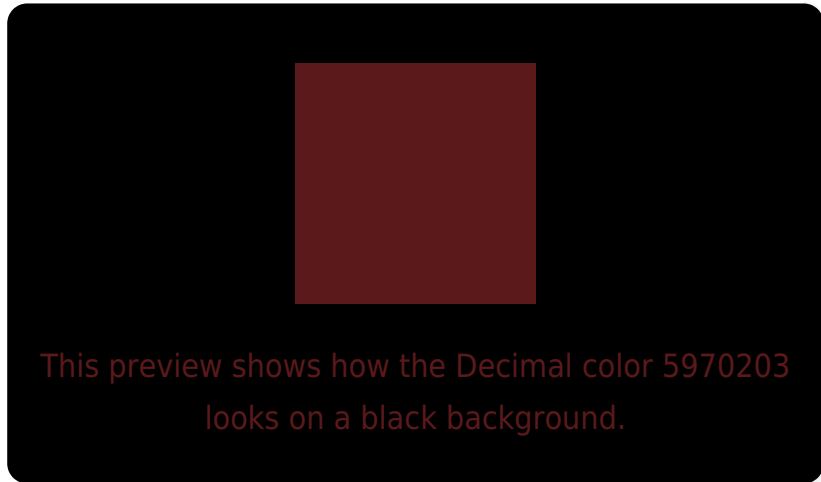
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 5970203 Background



This preview shows how black text looks on a background with the Decimal color 5970203.

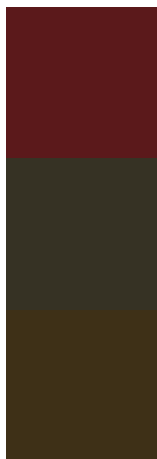


This preview shows how white text looks on a background with the Decimal color 5970203.

# 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**  
5970203

**Protanopia**  
3551780

**Deuteranopia**  
4075543



# Trichromacy



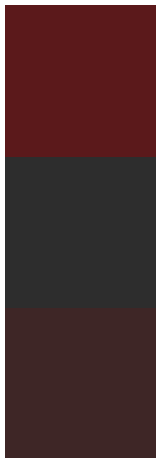
**Original Color**  
5970203

**Protanomaly**  
4401441

**Deuteranomaly**  
4794392

**Tritanomaly**  
5970202

# Monochromacy



**Original Color**  
5970203

**Achromatopsia**  
2960685

**Achromatomaly**  
4072998

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5970203 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 #5B191B looks like.

```
.text, #text, p{  
    color:#5B191B  
}
```

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 #5B191B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B191B
}
```

## Border

The CSS property to change the border of an element to Decimal 5970203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

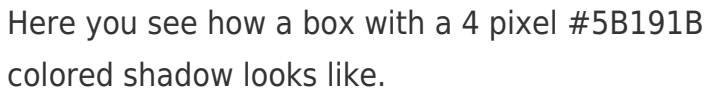
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B191B }
```

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

```
.border{ border-color:#5B191B }
```

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



Here you see how a box with a 4 pixel #5B191B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B191B; -webkit-box-shadow:4px 4px  
4px 4px #5B191B; box-shadow:4px 4px 4px  
4px #5B191B }
```

# Background

The CSS property to change the background color of an element to Decimal 5970203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B191B }
```

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

```
.background{ background-color:#5B191B }
```

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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