

# Converting Colors

Decimal(5310213)

Have a look what the booklet for  
Decimal(5310213) contains.

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**Color**

**Decimal(5310213)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	510705
RGB	81, 7, 5
RGB Percent	32%, 3%, 2%
CMY	0.6824, 0.9725, 0.9804
CMYK	0.00, 0.91, 0.94, 0.68
HSL	2°, 88%, 17%
HSV	2°, 94%, 32%
XYZ	3.4967, 1.9122, 0.3284
YIQ	28.8980, 44.7460, 15.0660

# Conversions

## Conversions Part 2

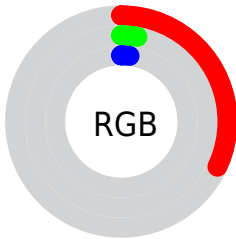
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	81, 7, 5
Decimal	5310213
CIE Lab	15.02, 32.59, 21.20
CIE LCh	15, 38.877, 33.045
Yxy	1.9122, 0.6095, 0.3333
Android (android.graphics.Color)	4283500293 (0xFF510705)
YUV	28.8980, -11.7817, 45.6935
Hunter-Lab	13.8284, 20.9366, 8.2719

# Details

The Decimal color **5310213** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **347985**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **8927794**, and **1507328** is the 20% darker color. If you saturate the color by 10%, you get **5308928**, and if you desaturate by 10%, it is **5312269**.

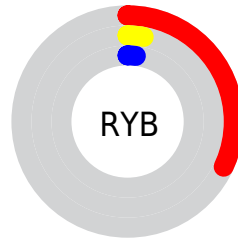
# Distribution



Red (32%)

Green (3%)

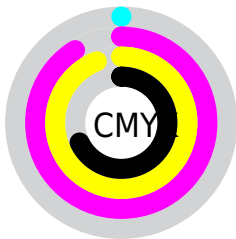
Blue (2%)



Red (32%)

Yellow (3%)

Blue (2%)

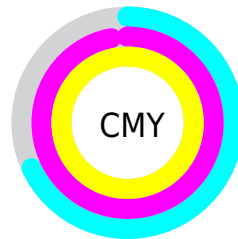


Cyan (0%)

Magenta (91%)

Yellow (94%)

Black (68%)



Cyan (68%)

Magenta (97%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5310213 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 5310213 by changing the saturation by 10% instead.



 5310213

 5310213

 16774630

 3538944

 8927794

 1507328

 10769225

 0

 12676193

 14648954

 16621971

 16759982

 16767177

 5310213

 5310213

■ 5308928

■ 5312269

■ 5314325

■ 5316381

■ 5318437

■ 5320237

■ 5322294

■ 5324350

■ 5326406

■ 5328462

# Harmonies

## Analogous

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



5505060



5310213



4397568

# Triad

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



5310213



12297



10589

# Complementary

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



5310213



347985

# 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.



12119



5310213



12584

# Square

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



5310213



1125376



12611



2432340

# Rectangle

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



5310213



3482112



12611



11101



# Sweetspot

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



5310213



6900811



5309776



3548195



11908533



3552822



# Same Dimension

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



5310213



6882048



5319685



2696485



15205888

# Inverse Universe

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



347985



26217



338513



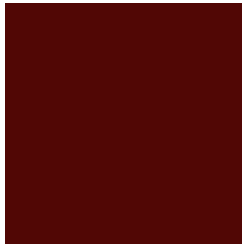
2435369



58088

# Previews

## White Background



This preview shows how the Decimal color 5310213 looks on a white background.

## Color Contrast Check

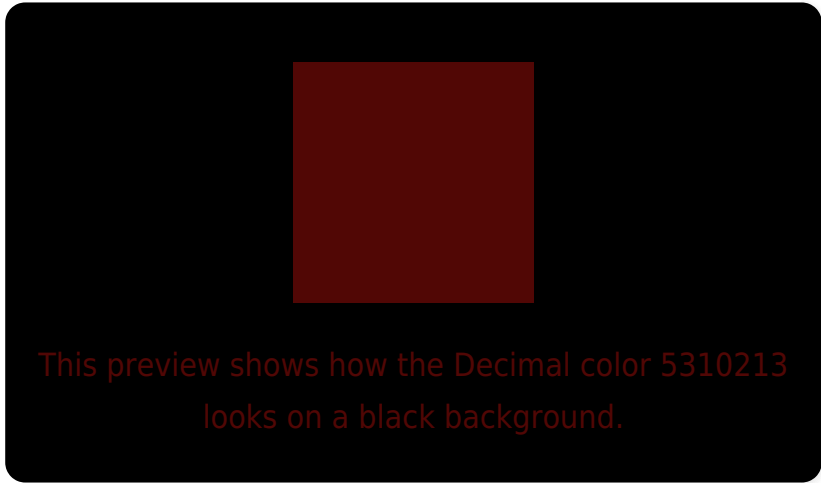
Large Text (above 18pt) WCAG AA ✓ Pass

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

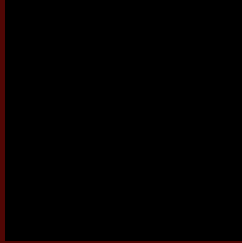
Any Text WCAG AA × Fail

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 5310213 Background



This preview shows how black text looks on a background with the Decimal color 5310213.



This preview shows how white text looks on a background with the Decimal color 5310213.

# 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**  
5310213

**Protanopia**  
3025164

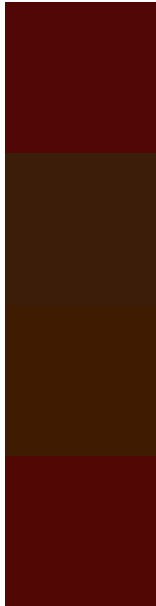
**Deuteranopia**  
3417856





**Tritanopia**  
5310210

# Trichromacy



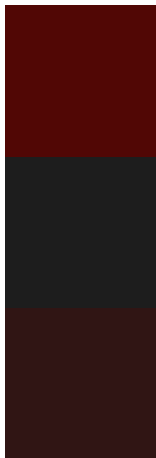
**Original Color**  
5310213

**Protanomaly**  
3874057

**Deuteranomaly**  
4135682

**Tritanomaly**  
5310211

# Monochromacy



**Original Color**  
5310213

**Achromatopsia**  
1907997

**Achromatomaly**  
3151124

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5310213 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 #510705 looks like.

```
.text, #text, p{  
    color:#510705  
}
```

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 #510705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510705
}
```

## Border

The CSS property to change the border of an element to Decimal 5310213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

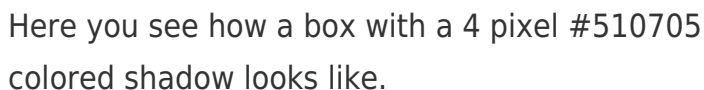
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510705 }
```

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

```
.border{ border-color:#510705 }
```

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



Here you see how a box with a 4 pixel #510705 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510705; -webkit-box-shadow:4px 4px  
4px 4px #510705; box-shadow:4px 4px 4px  
4px #510705 }
```

# Background

The CSS property to change the background color of an element to Decimal 5310213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510705 }
```

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

```
.background{ background-color:#510705 }
```

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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