

# Converting Colors

Decimal(5250981)

Have a look what the booklet for  
Decimal(5250981) contains.

<b>Decimal(5250981)</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(5250981)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	501FA5
RGB	80, 31, 165
RGB Percent	31%, 12%, 65%
CMY	0.6863, 0.8784, 0.3529
CMYK	0.52, 0.81, 0.00, 0.35
HSL	262°, 68%, 38%
HSV	262°, 81%, 65%
XYZ	10.5898, 5.4021, 36.0819
YIQ	60.9270, -13.8100, 52.0620

# Conversions

## Conversions Part 2

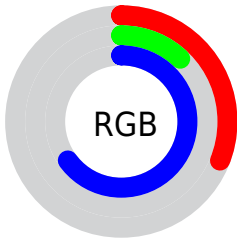
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 31, 165
Decimal	5250981
CIE <sub>Lab</sub>	27.85, 51.58, -62.80
CIE <sub>LCh</sub>	28, 81.266, 309.401
Yxy	5.4021, 0.2034, 0.1037
Android (android.graphics.Color)	4283441061 (0xFF501FA5)
YUV	60.9270, 51.3080, 16.7270
Hunter-Lab	23.2423, 40.6550, -75.7734

# Details

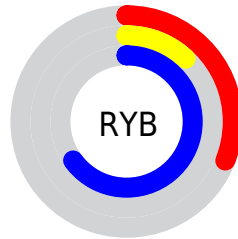
The Decimal color **5250981** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **7644447**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **9065181**, and **262256** is the 20% darker color. If you saturate the color by 10%, you get **4591269**, and if you desaturate by 10%, it is **5910437**.

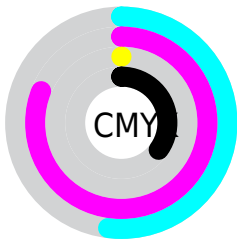
# Distribution



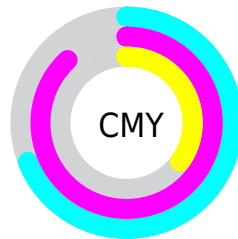
- Red (31%)
- Green (12%)
- Blue (65%)



- Red (31%)
- Yellow (12%)
- Blue (65%)



- Cyan (52%)
- Magenta (81%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (88%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5250981 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 5250981 by changing the saturation by 10% instead.



■ 5250981

■ 5250981

16777215

■ 3211402

■ 9065181

■ 262256

■ 10972410

■ 87

■ 12879615

■ 1598

■ 14787071

■ 807

■ 16760319

■ 273

■ 16767487

■ 0

■ 16774911

■ 5250981

■ 5250981

■ 4591269

■ 5910437

■ 3932325

■ 6635685

■ 7295141

■ 8020389

■ 8679845

■ 9405093

■ 10064549

■ 10789797

■ 11449253

# Harmonies

## Analogous

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



18113



5250981



9764975

# Triad

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



5250981



7547904



22357

# Complementary

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



5250981



7644447

# 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.



21774



5250981



4212224

# Square

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



5250981



9895936



20736



22674

# Rectangle

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



5250981



10747974



20736



22335



# Sweetspot

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



5250981



11969494



2061989



5721195



15461355



7039851



# Same Dimension

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



5250981



5375702



9510821



4999506



3473553



458770



# Inverse Universe

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



10821492



14026378



3384607



5392719



9502812

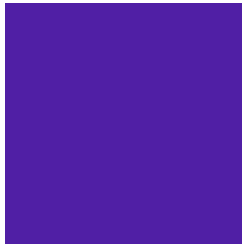


1179659



# Previews

## White Background



This preview shows how the Decimal color 5250981 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



This preview shows how the Decimal color 5250981 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

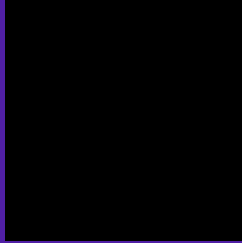
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5250981 Background



This preview shows how black text looks on a background with the Decimal color 5250981.



This preview shows how white text looks on a background with the Decimal color 5250981.

# 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





**Tritanopia**  
3491147

# Trichromacy



**Original Color**  
5250981



**Protanomaly**  
1914002



**Deuteranomaly**  
1914758



**Tritanomaly**  
4142956

# Monochromacy



**Original Color**  
5250981



**Achromatopsia**  
4013373



**Achromatomaly**  
4469347

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5250981 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 #501FA5 looks like.

```
.text, #text, p{  
  color:#501FA5  
}
```

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 #501FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501FA5
}
```

## Border

The CSS property to change the border of an element to Decimal 5250981 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
#501FA5 }
```

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

```
.border{ border-color:#501FA5 }
```

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

Here you see how a box with a 4 pixel #501FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501FA5; -webkit-box-shadow:4px 4px  
4px 4px #501FA5; box-shadow:4px 4px 4px  
4px #501FA5 }
```

# Background

The CSS property to change the background color of an element to Decimal 5250981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501FA5 }
```

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

```
.background{ background-color:#501FA5 }
```

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