

# Converting Colors

Decimal(4980914)

Have a look what the booklet for  
Decimal(4980914) contains.

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**Color**

**Decimal(4980914)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C00B2
RGB	76, 0, 178
RGB Percent	30%, 0%, 70%
CMY	0.7020, 1.0000, 0.3020
CMYK	0.57, 1.00, 0.00, 0.30
HSL	266°, 100%, 35%
HSV	266°, 100%, 70%
XYZ	11.0164, 4.7509, 42.4559
YIQ	43.0160, -11.8420, 71.4700

# Conversions

## Conversions Part 2

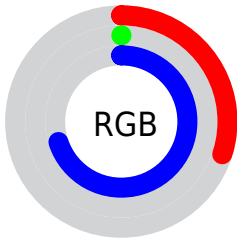
Format	Color
R <sub>Y</sub> B	76, 0, 178
Decimal	4980914
CIE Lab	26.01, 62.69, -73.68
CIE LCh	26, 96.741, 310.395
Yxy	4.7509, 0.1892, 0.0816
Android (android.graphics.Color)	4283170994 (0xFF4C00B2)
YUV	43.0160, 66.5471, 28.9270
Hunter-Lab	21.7964, 52.0738, -100.2295

# Details

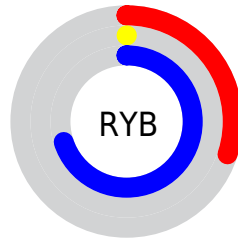
The Decimal color **4980914** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6730240**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **8995563**, and **124** is the 20% darker color. If you saturate the color by 10%, you get **4980914**, and if you desaturate by 10%, it is **5640882**.

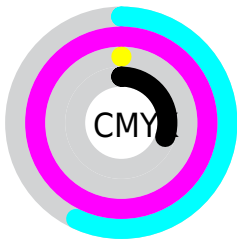
# Distribution



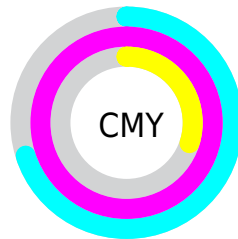
- Red (30%)
- Green (0%)
- Blue (70%)



- Red (30%)
- Yellow (0%)
- Blue (70%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (100%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4980914 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 4980914 by changing the saturation by 10% instead.



4980914

4980914

16777215

2621590

8995563

124

10968575

98

12941567

1865

14914559

1073

16756735

283

16763903

0

16771327

4980914

■ 5640882

■ 6300850

■ 7026098

■ 7686066

■ 8346034

■ 9006002

■ 9665970

■ 10391218

■ 11051186

# Harmonies

## Analogous

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



17622



4980914



10420337

# Triad

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



4980914



7480320



21591

# Complementary

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



4980914



6730240

# 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.



20992



4980914



3425024

# Square

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



4980914



10223616



19968



22175

# Rectangle

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



4980914



11468865



19968



21565



# Sweetspot

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



4980914



12624616



26802



6114165



16119285



7697781



# Same Dimension

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



4980914



6488296



10682546



5525593



4259993



720922



# Inverse Universe

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



11665510



15204485



1028608



5853269



10027096

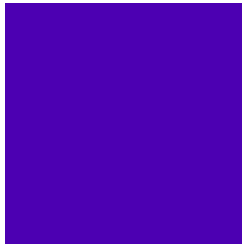


1703951



# Previews

## White Background



This preview shows how the Decimal color 4980914 looks on a white background.

## Color Contrast Check

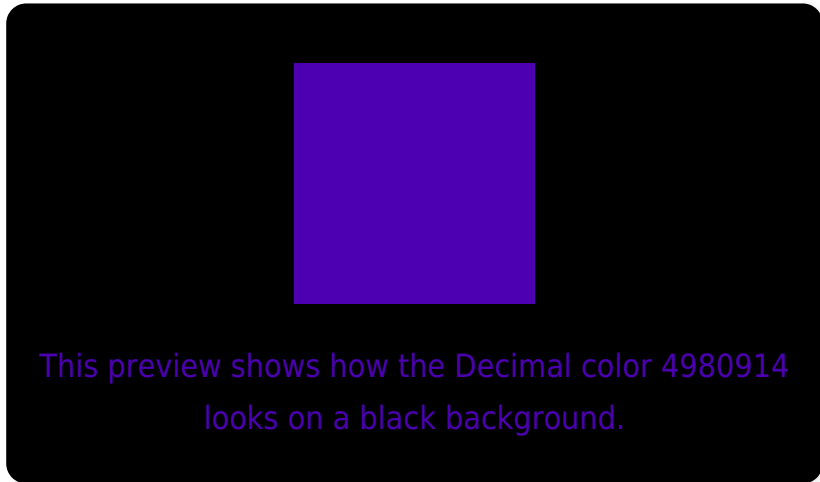
Large Text (above 18pt) WCAG AA ✓ Pass

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

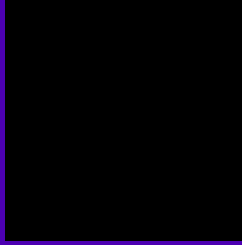
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4980914 Background



This preview shows how black text looks on a background with the Decimal color 4980914.



This preview shows how white text looks on a background with the Decimal color 4980914.

# 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**  
4980914

**Protanopia**  
16002

**Deuteranopia**  
17007



**Tritanopia**  
2377035

# Trichromacy



**Original Color**  
4980914

**Protanomaly**  
1845139

**Deuteranomaly**  
1845895

**Tritanomaly**  
3353712

# Monochromacy



**Original Color**  
4980914

**Achromatopsia**  
2829099

**Achromatomaly**  
3611484

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4980914 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 #4C00B2 looks like.

```
.text, #text, p{  
    color:#4C00B2  
}
```

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 #4C00B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C00B2
}
```

## Border

The CSS property to change the border of an element to Decimal 4980914 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".

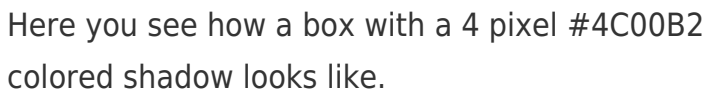
```
.border, #border, table{ border:4px solid
#4C00B2 }
```

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

```
.border{ border-color:#4C00B2 }
```

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

Here you see how a box with a 4 pixel #4C00B2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C00B2; -webkit-box-shadow:4px 4px  
4px 4px #4C00B2; box-shadow:4px 4px 4px  
4px #4C00B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 4980914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C00B2 }
```

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

```
.background{ background-color:#4C00B2 }
```

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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