

Converting Colors

Decimal(5059484)

Have a look what the booklet for
Decimal(5059484) contains.

Decimal(5059484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5059484)

Conversions

Conversions Part 1

Format	Color
Hex	4D339C
RGB	77, 51, 156
RGB Percent	30%, 20%, 61%
CMY	0.6980, 0.8000, 0.3882
CMYK	0.51, 0.67, 0.00, 0.39
HSL	255°, 51%, 41%
HSV	255°, 67%, 61%
XYZ	10.2451, 6.3457, 32.1374
YIQ	70.7440, -18.2090, 38.1670

Conversions

Conversions Part 2

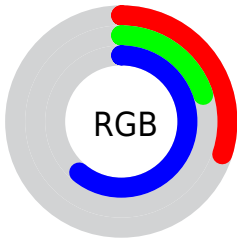
Format	Color
R_{YB}	77, 51, 156
Decimal	5059484
CIE _{Lab}	30.27, 38.52, -53.39
CIE _{LCh}	30, 65.836, 305.812
Yxy	6.3457, 0.2103, 0.1302
Android (android.graphics.Color)	4283249564 (0xFF4D339C)
YUV	70.7440, 42.0312, 5.4865
Hunter-Lab	25.1907, 28.5127, -58.0063

Details

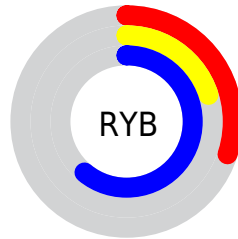
The Decimal color **5059484** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8559667**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **8741843**, and **656744** is the 20% darker color. If you saturate the color by 10%, you get **4268956**, and if you desaturate by 10%, it is **5850012**.

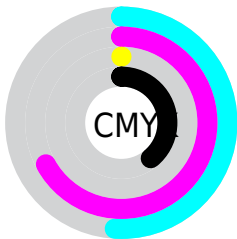
Distribution



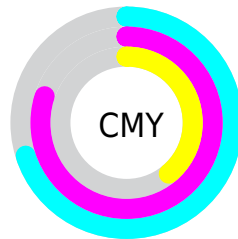
- Red (30%)
- Green (20%)
- Blue (61%)



- Red (30%)
- Yellow (20%)
- Blue (61%)



- Cyan (51%)
- Magenta (67%)
- Yellow (0%)
- Black (39%)



- Cyan (70%)
- Magenta (80%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5059484 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 5059484 by changing the saturation by 10% instead.

■ 5059484

■ 5059484

16777215

■ 3153025

■ 8741843

■ 656744

■ 10583536

■ 79

■ 12425215

■ 1335

■ 14332671

■ 545

■ 16305919

■ 5

■ 16771839

■ 0

■ 5059484

■ 5059484

■ 4268956

■ 5850012

■ 3544220

■ 6574748

■ 2753692

■ 7365276

■ 2556060

■ 8155548

■ 8946076

■ 9671068

■ 10461340

■ 11251868

■ 12042140

Harmonies

Analogous

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



19632



5059484



8978546

Triad

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



5059484



7877376



23376

Complementary

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



5059484



8559667

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.



22808



5059484



5196032

Square

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



5059484



9699597



1070080



23427

Rectangle

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



5059484



10027089



1070080



23358

Sweetspot

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



5059484



11379660



3376284



5525094



15132390



6710886

Same Dimension

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



5059484



5253068



8401820



4802383



2293903



262159

Inverse Universe

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



10236802



13379491



5217331



5195597



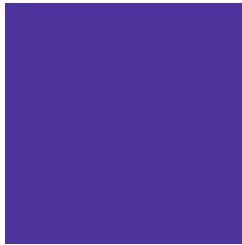
9371755



983052

Previews

White Background



This preview shows how the Decimal color 5059484 looks on a white background.

Color Contrast Check

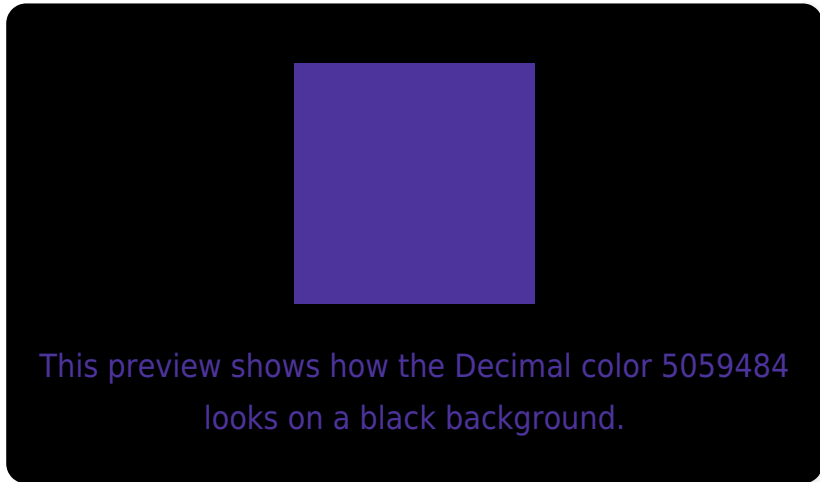
Large Text (above 18pt) WCAG AA ✓ Pass

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

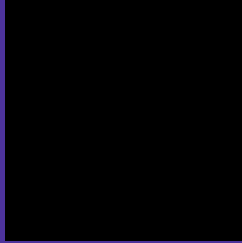
Any Text WCAG AA × Fail

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 5059484 Background



This preview shows how black text looks on a background with the Decimal color 5059484.

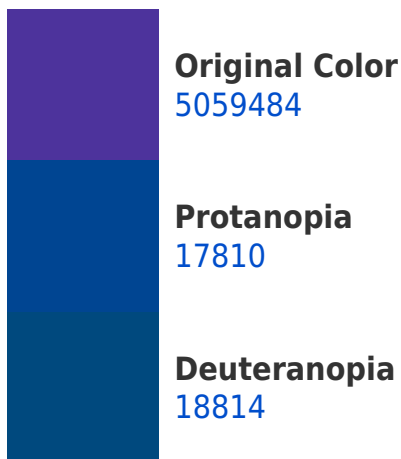


This preview shows how white text looks on a background with the Decimal color 5059484.

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



Trichromacy



Original Color
5059484

Protanomaly
1851030

Deuteranomaly
1851785

Tritanomaly
4080236

Monochromacy



Original Color
5059484

Achromatopsia
4671303

Achromatomaly
4800614

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5059484 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 #4D339C looks like.

```
.text, #text, p{  
  color:#4D339C  
}
```

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 #4D339C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D339C
}
```

Border

The CSS property to change the border of an element to Decimal 5059484 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
#4D339C }
```

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

```
.border{ border-color:#4D339C }
```

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

Here you see how a box with a 4 pixel #4D339C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D339C; -webkit-box-shadow:4px 4px  
4px 4px #4D339C; box-shadow:4px 4px 4px  
4px #4D339C }
```

Background

The CSS property to change the background color of an element to Decimal 5059484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D339C }
```

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

```
.background{ background-color:#4D339C }
```

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