

Converting Colors

Decimal(5198246)

Have a look what the booklet for
Decimal(5198246) contains.

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Color

Decimal(5198246)

Conversions

Conversions Part 1

Format	Color
Hex	4F51A6
RGB	79, 81, 166
RGB Percent	31%, 32%, 65%
CMY	0.6902, 0.6824, 0.3490
CMYK	0.52, 0.51, 0.00, 0.35
HSL	239°, 36%, 48%
HSV	239°, 52%, 65%
XYZ	13.0498, 10.3003, 37.3767
YIQ	90.0920, -28.4770, 26.0110

Conversions

Conversions Part 2

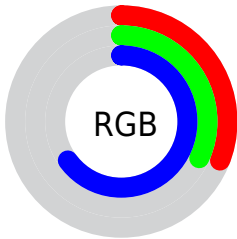
Format	Color
R_{YB}	79, 81, 166
Decimal	5198246
CIE _{Lab}	38.38, 23.56, -46.29
CIE _{LCh}	38, 51.939, 296.981
Yxy	10.3003, 0.2149, 0.1696
Android (android.graphics.Color)	4283388326 (0xFF4F51A6)
YUV	90.0920, 37.4226, -9.7277
Hunter-Lab	32.0941, 16.4155, -46.5833

Details

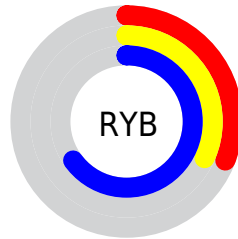
The Decimal color **5198246** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10921039**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **8815326**, and **1058161** is the 20% darker color. If you saturate the color by 10%, you get **4080038**, and if you desaturate by 10%, it is **6316454**.

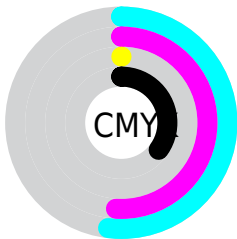
Distribution



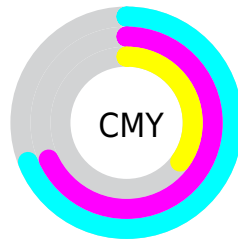
- Red (31%)
- Green (32%)
- Blue (65%)



- Red (31%)
- Yellow (32%)
- Blue (65%)



- Cyan (52%)
- Magenta (51%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (68%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5198246 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 5198246 by changing the saturation by 10% instead.

■ 5198246

■ 5198246

16777215

■ 3357323

■ 8815326

■ 1058161

■ 10657019

■ 4440

■ 12498943

■ 64

■ 14406655

■ 809

■ 16379903

■ 275

■ 0

■ 5198246

■ 5198246

■ 4080038

■ 6316454

■ 3027366

■ 7369126

■ 1908902

■ 8487590

■ 856230

■ 9540262

■ 1190

■ 10658470

■ 11776678

■ 12829606

■ 13947814

■ 15000486

Harmonies

Analogous

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



25007



5198246



8928393

Triad

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



5198246



9455119



27989

Complementary

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



5198246



10921039

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.



27177



5198246



7427840

Square

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



5198246



10629687



4743936



28032

Rectangle

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



5198246



10236015



4743936



27718

Sweetspot

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



5198246



11974617



5220003



5855598



15592941



7237230

Same Dimension

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



5198246



5264345



7884710



5000276



916



20

Inverse Universe

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



10899281



14241875



8234575



5524556



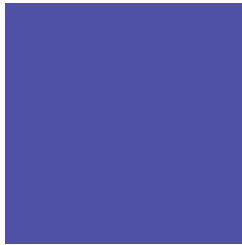
9699331



1310720

Previews

White Background



This preview shows how the Decimal color 5198246 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 × Fail

Black Background



This preview shows how the Decimal color 5198246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5198246 Background



This preview shows how black text looks on a background with the Decimal color 5198246.




This preview shows how white text looks on a background with the Decimal color 5198246.

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](#).

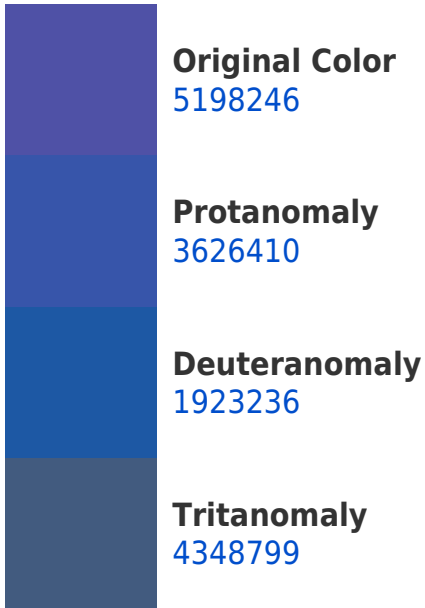
Dichromacy





Tritanopia
3825768

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5198246 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 #4F51A6 looks like.

```
.text, #text, p{  
    color:#4F51A6  
}
```

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 #4F51A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F51A6  
}
```

Border

The CSS property to change the border of an element to Decimal 5198246 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  
#4F51A6 }
```

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

```
.border{ border-color:#4F51A6 }
```

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

Here you see how a box with a 4 pixel #4F51A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F51A6; -webkit-box-shadow:4px 4px  
4px 4px #4F51A6; box-shadow:4px 4px 4px  
4px #4F51A6 }
```

Background

The CSS property to change the background color of an element to Decimal 5198246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F51A6 }
```

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

```
.background{ background-color:#4F51A6 }
```

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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