

Converting Colors

Decimal(5188768)

Have a look what the booklet for
Decimal(5188768) contains.

Decimal(5188768)	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(5188768)

Conversions

Conversions Part 1

Format	Color
Hex	4F2CA0
RGB	79, 44, 160
RGB Percent	31%, 17%, 63%
CMY	0.6902, 0.8275, 0.3725
CMYK	0.51, 0.72, 0.00, 0.37
HSL	258°, 57%, 40%
HSV	258°, 72%, 63%
XYZ	10.4703, 6.0017, 33.8643
YIQ	67.6890, -16.3760, 43.4960

Conversions

Conversions Part 2

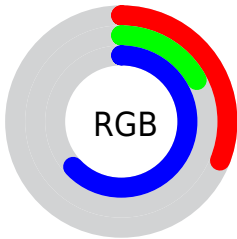
Format	Color
R_{YB}	79, 44, 160
Decimal	5188768
CIE _{Lab}	29.42, 43.92, -57.20
CIE _{LCh}	29, 72.120, 307.521
Yxy	6.0017, 0.2080, 0.1192
Android (android.graphics.Color)	4283378848 (0xFF4F2CA0)
YUV	67.6890, 45.5093, 9.9197
Hunter-Lab	24.4984, 33.4166, -64.8083

Details

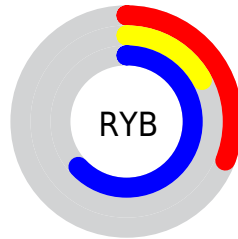
The Decimal color **5188768** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8233004**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **8871384**, and **655467** is the 20% darker color. If you saturate the color by 10%, you get **4463776**, and if you desaturate by 10%, it is **5913760**.

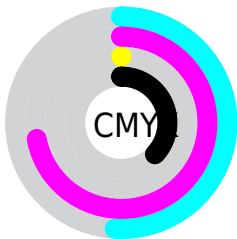
Distribution



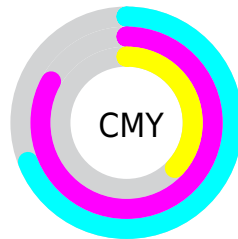
- Red (31%)
- Green (17%)
- Blue (63%)



- Red (31%)
- Yellow (17%)
- Blue (63%)



- Cyan (51%)
- Magenta (72%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (83%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5188768 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 5188768 by changing the saturation by 10% instead.

■ 5188768

■ 5188768

16777215

■ 3216517

■ 8871384

■ 655467

■ 10778357

■ 82

■ 12685823

■ 1338

■ 14593279

■ 548

■ 16566271

■ 11

■ 16770303

■ 0

■ 5188768

■ 5188768

■ 4463776

■ 5913760

■ 3738784

■ 6638752

■ 3145888

■ 7429280

■ 8154272

■ 8879264

■ 9604256

■ 10329248

■ 11054240

■ 11844768

Harmonies

Analogous

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



19127



5188768



9306225

Triad

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



5188768



7745792



23123

Complementary

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



5188768



8233004

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.



22549



5188768



4802560

Square

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



5188768



9830400



21248



23177

Rectangle

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



5188768



10420301



21248



22847

Sweetspot

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



5188768



11641809



2915744



5655913



15263976



6908265

Same Dimension

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



5188768



5381073



8989856



4867919



2818191



327695

Inverse Universe

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



10497149



13704090



4431916



5195597



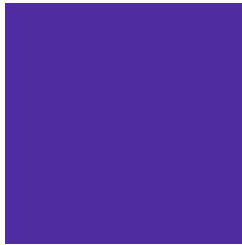
9371748



983051

Previews

White Background



This preview shows how the Decimal color 5188768 looks on a white background.

Color Contrast Check

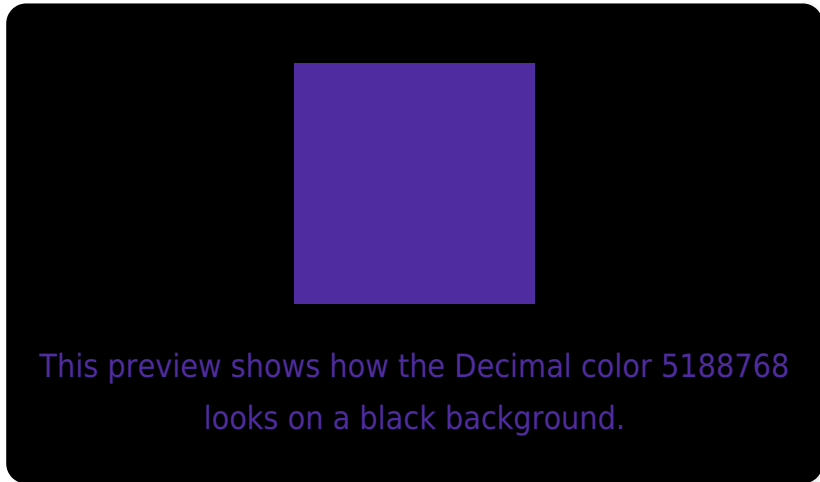
Large Text (above 18pt) WCAG AA ✓ Pass

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

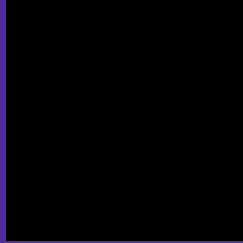
Any Text WCAG AA × Fail

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 5188768 Background



This preview shows how black text looks on a background with the Decimal color 5188768.



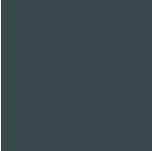
This preview shows how white text looks on a background with the Decimal color 5188768.

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
3622990

Trichromacy



Original Color
5188768

Protanomaly
1915797

Deuteranomaly
1916552

Tritanomaly
4210284

Monochromacy



Original Color
5188768

Achromatopsia
4473924

Achromatomaly
4733797

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5188768 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 #4F2CA0 looks like.

```
.text, #text, p{  
  color:#4F2CA0  
}
```

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 #4F2CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2CA0
}
```

Border

The CSS property to change the border of an element to Decimal 5188768 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
#4F2CA0 }
```

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

```
.border{ border-color:#4F2CA0 }
```

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

Here you see how a box with a 4 pixel #4F2CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2CA0; -webkit-box-shadow:4px 4px  
4px 4px #4F2CA0; box-shadow:4px 4px 4px  
4px #4F2CA0 }
```

Background

The CSS property to change the background color of an element to Decimal 5188768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2CA0 }
```

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

```
.background{ background-color:#4F2CA0 }
```

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