

Converting Colors

Decimal(5187289)

Have a look what the booklet for
Decimal(5187289) contains.

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Color

Decimal(5187289)

Conversions

Conversions Part 1

Format	Color
Hex	4F26D9
RGB	79, 38, 217
RGB Percent	31%, 15%, 85%
CMY	0.6902, 0.8510, 0.1490
CMYK	0.64, 0.82, 0.00, 0.15
HSL	254°, 70%, 50%
HSV	254°, 82%, 85%
XYZ	16.4419, 8.0582, 66.3345
YIQ	70.6650, -33.0230, 64.3610

Conversions

Conversions Part 2

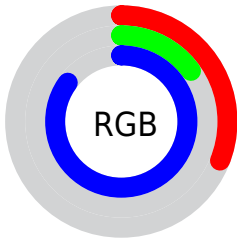
Format	Color
R_{YB}	79, 38, 217
Decimal	5187289
CIE _{Lab}	34.10, 62.63, -83.16
CIE _{LCh}	34, 104.107, 306.985
Yxy	8.0582, 0.1810, 0.0887
Android (android.graphics.Color)	4283377369 (0xFF4F26D9)
YUV	70.6650, 72.1432, 7.3098
Hunter-Lab	28.3870, 53.7109, -118.6771

Details

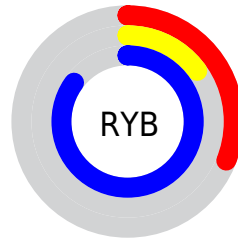
The Decimal color **5187289** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **11589926**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9460735**, and **160** is the 20% darker color. If you saturate the color by 10%, you get **4067545**, and if you desaturate by 10%, it is **6307033**.

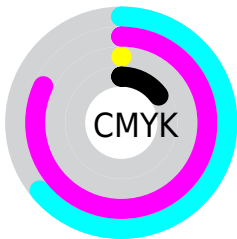
Distribution



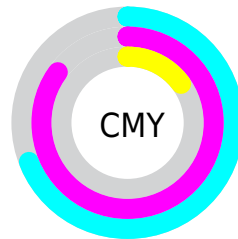
- Red (31%)
- Green (15%)
- Blue (85%)



- Red (31%)
- Yellow (15%)
- Blue (85%)



- Cyan (64%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5187289 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 5187289 by changing the saturation by 10% instead.

■ 5187289

■ 5187289

16777215

■ 2426044

■ 9460735

■ 160

■ 11499007

■ 133

■ 13537535

■ 107

■ 15576319

■ 2897

■ 16763135

■ 1337

■ 16770559

■ 547

■ 10

■ 0

■ 5187289

■ 5187289

■ 4067545

■ 6307033

■ 3277017

■ 7360985

■ 8480729

■ 9600473

■ 10720217

■ 11774169

■ 12893913

■ 14013657

■ 15133145

Harmonies

Analogous

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



23292



5187289



12124307

Triad

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



5187289



9645312



27491

Complementary

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



5187289



11589926

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.



26624



5187289



5329920

Square

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



5187289



12648448



25344



28085

Rectangle

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



5187289



13631581



25344



27205

Sweetspot

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



5187289



13549567



2536153



6445440



0



8421504

Same Dimension

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



5187289



3933183



10888921



6644590



2621613



720942

Inverse Universe

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



14231216



16712645



5888294



7234411



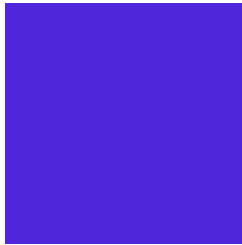
11337862



3014691

Previews

White Background



This preview shows how the Decimal color 5187289 looks on a white background.

Color Contrast Check

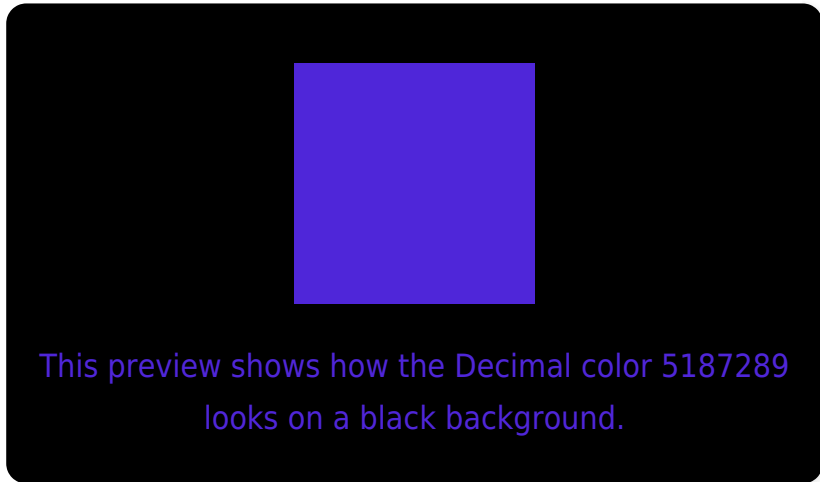
Large Text (above 18pt) WCAG AA ✓ Pass

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

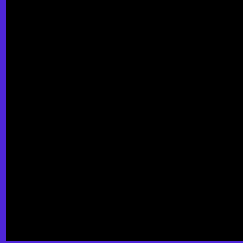
Any Text WCAG AA × Fail

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 5187289 Background



This preview shows how black text looks on a background with the Decimal color 5187289.



This preview shows how white text looks on a background with the Decimal color 5187289.

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
5187289

Protanopia
19874

Deuteranopia
21130

Trichromacy



Original Color

5187289



Protanomaly

1916854



Deuteranomaly

1917607



Tritanomaly

1918603

Monochromacy



Original Color

5187289



Achromatopsia

4671303



Achromatomaly

4864892

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5187289 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 #4F26D9 looks like.

```
.text, #text, p{  
  color:#4F26D9  
}
```

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 #4F26D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F26D9
}
```

Border

The CSS property to change the border of an element to Decimal 5187289 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
#4F26D9 }
```

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

```
.border{ border-color:#4F26D9 }
```

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

Here you see how a box with a 4 pixel #4F26D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F26D9; -webkit-box-shadow:4px 4px  
4px 4px #4F26D9; box-shadow:4px 4px 4px  
4px #4F26D9 }
```

Background

The CSS property to change the background color of an element to Decimal 5187289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F26D9 }
```

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

```
.background{ background-color:#4F26D9 }
```

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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