

Converting Colors

Decimal(5066172)

Have a look what the booklet for
Decimal(5066172) contains.

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Color

Decimal(5066172)

Conversions

Conversions Part 1

Format	Color
Hex	4D4DBC
RGB	77, 77, 188
RGB Percent	30%, 30%, 74%
CMY	0.6980, 0.6980, 0.2627
CMYK	0.59, 0.59, 0.00, 0.26
HSL	240°, 45%, 52%
HSV	240°, 59%, 74%
XYZ	14.7915, 10.5164, 48.8272
YIQ	89.6540, -35.6310, 34.5210

Conversions

Conversions Part 2

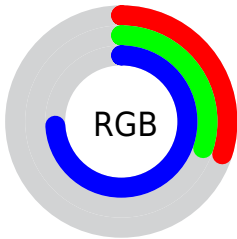
Format	Color
RYB	77, 77, 188
Decimal	5066172
CIELab	38.75, 32.94, -58.68
CIElCh	39, 67.293, 299.305
Yxy	10.5164, 0.1995, 0.1419
Android (android.graphics.Color)	4283256252 (0xFF4D4DBC)
YUV	89.6540, 48.4846, -11.0976
Hunter-Lab	32.4290, 24.6670, -66.5707

Details

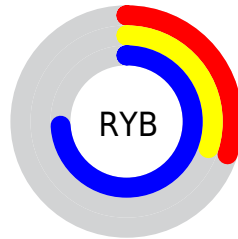
The Decimal color **5066172** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **12368973**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **8945397**, and **8582** is the 20% darker color. If you saturate the color by 10%, you get **3816124**, and if you desaturate by 10%, it is **6316220**.

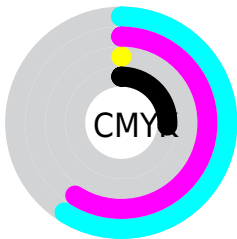
Distribution



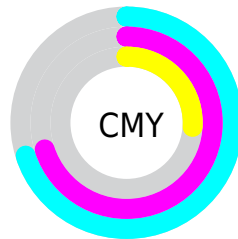
- Red (30%)
- Green (30%)
- Blue (74%)



- Red (30%)
- Yellow (30%)
- Blue (74%)



- Cyan (59%)
- Magenta (59%)
- Yellow (0%)
- Black (26%)



- Cyan (70%)
- Magenta (70%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5066172 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 5066172 by changing the saturation by 10% instead.

■ 5066172

■ 5066172

16777215

■ 2897568

■ 8945397

■ 8582

■ 10852607

■ 3436

■ 12760063

■ 83

■ 14667775

■ 1595

■ 16641023

■ 548

■ 12

■ 0

■ 5066172

■ 5066172

■ 3816124

■ 6316220

■ 2566076

■ 7566268

■ 1381820

■ 8750524

■ 131772

■ 10000572

■ 188

■ 11250620

■ 12500668

■ 13750716

■ 14934972

■ 16185020

Harmonies

Analogous

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



25546



5066172



10037652

Triad

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



5066172



10108928



29016

Complementary

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



5066172



12368973

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.



28189



5066172



7428352

Square

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



5066172



11737642



3827456



29328

Rectangle

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



5066172



11535217



3827456



28997

Sweetspot

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



5066172



13224437



5094588



6250362



16448250



8026746

Same Dimension

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



5066172



4671477



8736188



5592414



158



31

Inverse Universe

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



12340668



16074741



8764493



6182238



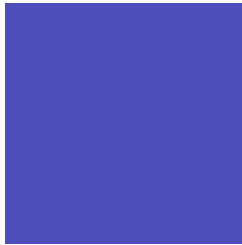
10354846



2031647

Previews

White Background



This preview shows how the Decimal color 5066172 looks on a white background.

Color Contrast Check

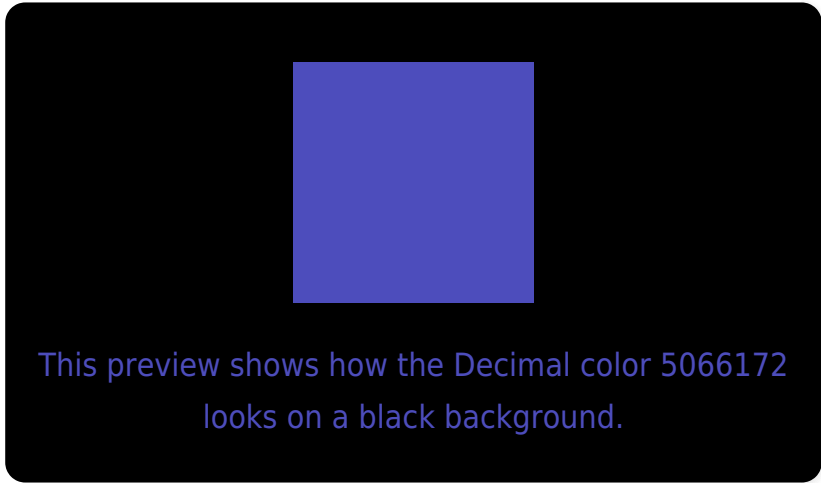
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

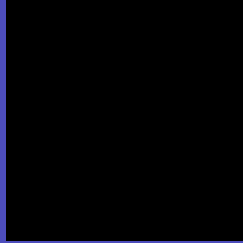
Any Text WCAG AA × Fail

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 5066172 Background



This preview shows how black text looks on a background with the Decimal color 5066172.

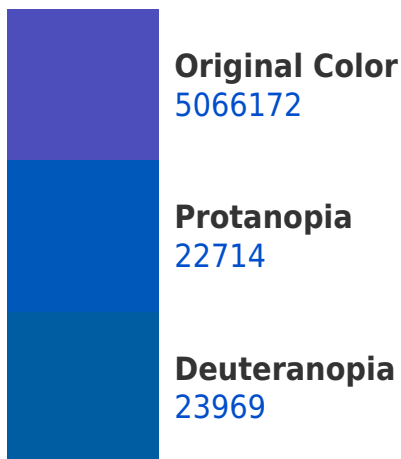


This preview shows how white text looks on a background with the Decimal color 5066172.

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

5066172



Protanomaly

1856699



Deuteranomaly

1857451



Tritanomaly

3627912

Monochromacy



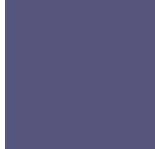
Original Color

5066172



Achromatopsia

5921370



Achromatomaly

5592446

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5066172 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 #4D4DBC looks like.

```
.text, #text, p{  
    color:#4D4DBC  
}
```

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 #4D4DBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4DBC
}
```

Border

The CSS property to change the border of an element to Decimal 5066172 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
#4D4DBC }
```

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

```
.border{ border-color:#4D4DBC }
```

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

Here you see how a box with a 4 pixel #4D4DBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4DBC; -webkit-box-shadow:4px 4px  
4px 4px #4D4DBC; box-shadow:4px 4px 4px  
4px #4D4DBC }
```

Background

The CSS property to change the background color of an element to Decimal 5066172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4DBC }
```

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

```
.background{ background-color:#4D4DBC }
```

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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