

Converting Colors

Decimal(5072816)

Have a look what the booklet for
Decimal(5072816) contains.

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Color

Decimal(5072816)

Conversions

Conversions Part 1

Format	Color
Hex	4D67B0
RGB	77, 103, 176
RGB Percent	30%, 40%, 69%
CMY	0.6980, 0.5961, 0.3098
CMYK	0.56, 0.41, 0.00, 0.31
HSL	224°, 39%, 50%
HSV	224°, 56%, 69%
XYZ	15.7473, 14.4129, 43.0263
YIQ	103.5480, -38.9290, 17.1910

Conversions

Conversions Part 2

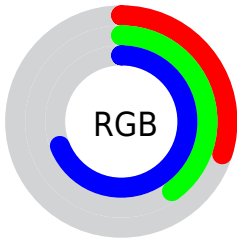
Format	Color
RYB	77, 98, 176
Decimal	5072816
CIELab	44.82, 12.46, -41.90
CIELCh	45, 43.718, 286.565
Yxy	14.4129, 0.2152, 0.1969
Android (android.graphics.Color)	4283262896 (0xFF4D67B0)
YUV	103.5480, 35.7188, -23.2826
Hunter-Lab	37.9643, 7.6029, -40.6205

Details

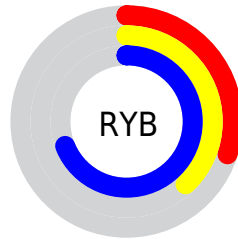
The Decimal color **5072816** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11572813**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8755944**, and **407931** is the 20% darker color. If you saturate the color by 10%, you get **3889840**, and if you desaturate by 10%, it is **6255792**.

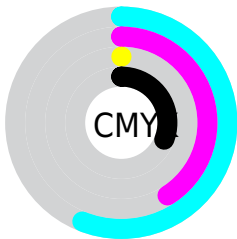
Distribution



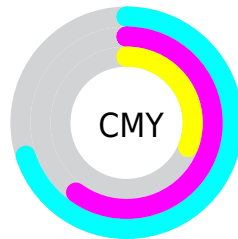
- Red (30%)
- Green (40%)
- Blue (69%)



- Red (30%)
- Yellow (38%)
- Blue (69%)



- Cyan (56%)
- Magenta (41%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5072816 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 5072816 by changing the saturation by 10% instead.

■ 5072816

■ 5072816

16777215

■ 3166101

■ 8755944

■ 407931

■ 10597631

■ 9314

■ 12439807

■ 3913

■ 14347519

■ 1074

■ 16318463

■ 540

■ 0

■ 5072816

■ 5072816

■ 3889840

■ 6255792

■ 2772400

■ 7373232

■ 1589424

■ 8556208

■ 471984

■ 9673648

■ 11952

■ 10856624

■ 12039600

■ 13157040

■ 14340016

■ 15457456

Harmonies

Analogous

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



29617



5072816



8804508

Triad

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



5072816



10703926



31576

Complementary

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



5072816



11572813

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.



4224565



5072816



9134623

Square

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



5072816



11356759



6975006



31870

Rectangle

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



5072816



10309512



6975006



621132

Sweetspot

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



5072816



12503526



5091478



6054515



15921906



7566195

Same Dimension

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



5072816



4813542



6573488



5264217



10393



1818

Inverse Universe

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



11554151



15092082



10072141



5853267



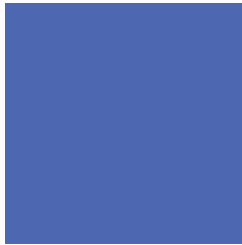
10027048



1703943

Previews

White Background



This preview shows how the Decimal color 5072816 looks on a white background.

Color Contrast Check

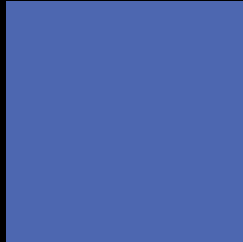
Large Text (above 18pt) WCAG AA ✓ Pass

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 5072816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

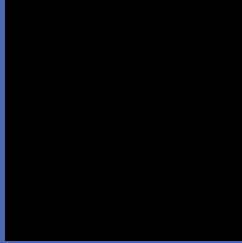
Any Text WCAG AA × Fail

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 5072816 Background



This preview shows how black text looks on a background with the Decimal color 5072816.



This preview shows how white text looks on a background with the Decimal color 5072816.

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

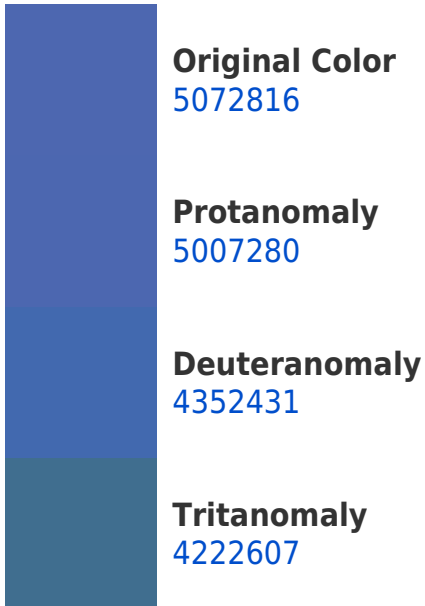


Original Color
5072816

Protanopia
4941744

Deuteranopia
3959471

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5072816 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 #4D67B0 looks like.

```
.text, #text, p{  
    color:#4D67B0  
}
```

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 #4D67B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D67B0
}
```

Border

The CSS property to change the border of an element to Decimal 5072816 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
#4D67B0 }
```

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

```
.border{ border-color:#4D67B0 }
```

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

Here you see how a box with a 4 pixel #4D67B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D67B0; -webkit-box-shadow:4px 4px  
4px 4px #4D67B0; box-shadow:4px 4px 4px  
4px #4D67B0 }
```

Background

The CSS property to change the background color of an element to Decimal 5072816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D67B0 }
```

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

```
.background{ background-color:#4D67B0 }
```

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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