

Converting Colors

Decimal(5072566)

Have a look what the booklet for
Decimal(5072566) contains.

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Color

Decimal(5072566)

Conversions

Conversions Part 1

Format	Color
Hex	4D66B6
RGB	77, 102, 182
RGB Percent	30%, 40%, 71%
CMY	0.6980, 0.6000, 0.2863
CMYK	0.58, 0.44, 0.00, 0.29
HSL	226°, 42%, 51%
HSV	226°, 58%, 71%
XYZ	16.2554, 14.4579, 46.1899
YIQ	103.6450, -40.5800, 19.5800

Conversions

Conversions Part 2

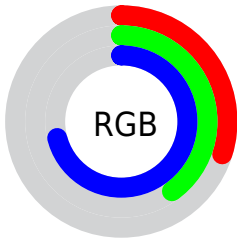
Format	Color
R_{YB}	77, 97, 182
Decimal	5072566
CIE _{Lab}	44.88, 15.11, -45.31
CIE _{LCh}	45, 47.761, 288.448
Yxy	14.4579, 0.2114, 0.1880
Android (android.graphics.Color)	4283262646 (0xFF4D66B6)
YUV	103.6450, 38.6290, -23.3677
Hunter-Lab	38.0236, 9.7692, -45.4072

Details

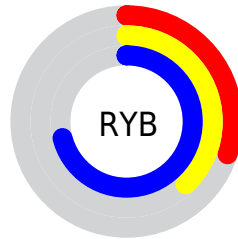
The Decimal color **5072566** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **11967821**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8821230**, and **14464** is the 20% darker color. If you saturate the color by 10%, you get **3889334**, and if you desaturate by 10%, it is **6255798**.

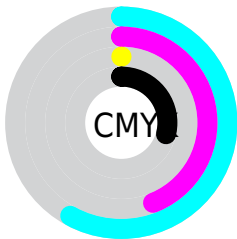
Distribution



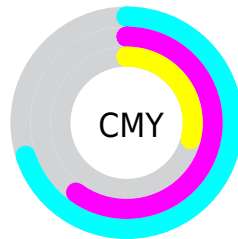
- Red (30%)
- Green (40%)
- Blue (71%)



- Red (30%)
- Yellow (38%)
- Blue (71%)



- Cyan (58%)
- Magenta (44%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5072566 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 5072566 by changing the saturation by 10% instead.

■ 5072566

■ 5072566

16777215

■ 3100315

■ 8821230

■ 14464

■ 10662911

■ 9063

■ 12570623

■ 3918

■ 14478335

■ 1335

■ 16383999

■ 544

■ 5

■ 0

■ 5072566

■ 5072566

■ 3889334

■ 6255798

■ 2706102

■ 7439030

■ 1457334

■ 8687798

■ 274358

■ 9870774

■ 11190

■ 11054006

■ 12237238

■ 13420470

■ 14669238

■ 15852470

Harmonies

Analogous

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



29624



5072566



9131423

Triad

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



5072566



10900272



31833

Complementary

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



5072566



11967821

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.



3635250



5072566



9134869

Square

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



5072566



11683411



6778901



32130

Rectangle

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



5072566



10701448



6778901



31563

Sweetspot

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



5072566



12963565



5093020



6317688



16250871



7895160

Same Dimension

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



5072566



4878573



6770102



5461340



9628



1820

Inverse Universe

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



11947366



15551088



10270285



6050645



10223653



1835015

Previews

White Background



This preview shows how the Decimal color 5072566 looks on a white background.

Color Contrast Check

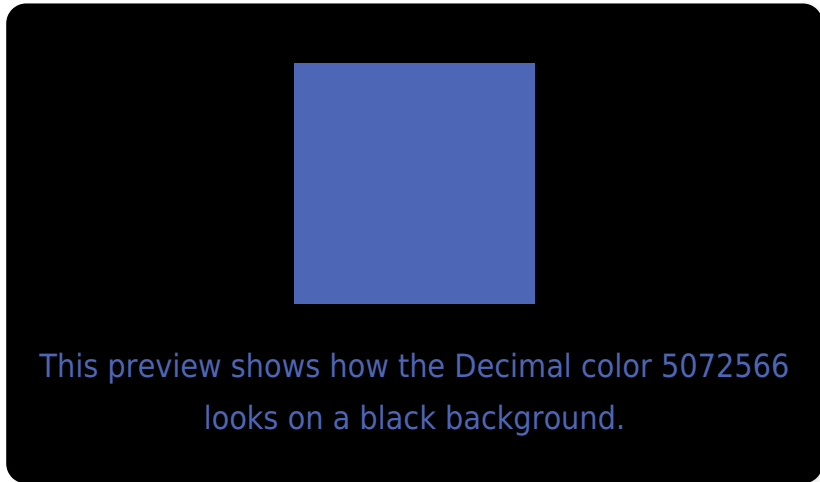
Large Text (above 18pt) WCAG AA ✓ Pass

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

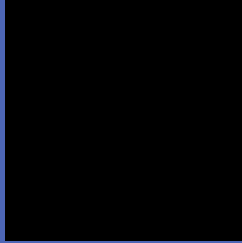
Any Text WCAG AA × Fail

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 5072566 Background



This preview shows how black text looks on a background with the Decimal color 5072566.

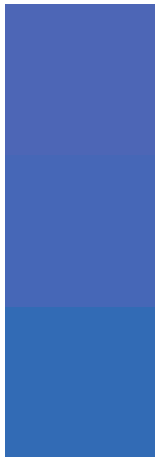


This preview shows how white text looks on a background with the Decimal color 5072566.

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
5072566

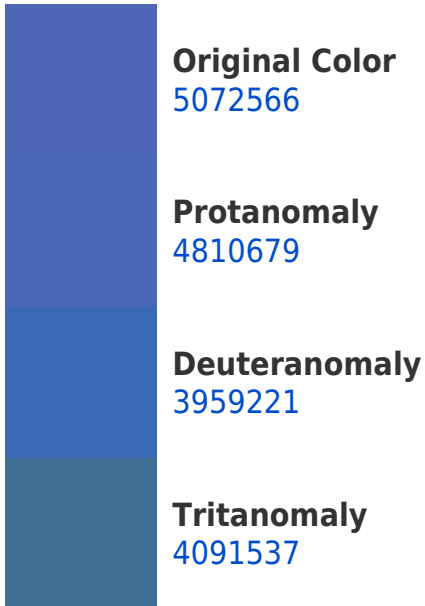
Protanopia
4614071

Deuteranopia
3304373



Tritanopia
3502972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5072566 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 #4D66B6 looks like.

```
.text, #text, p{  
    color:#4D66B6  
}
```

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 #4D66B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D66B6
}
```

Border

The CSS property to change the border of an element to Decimal 5072566 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
#4D66B6 }
```

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

```
.border{ border-color:#4D66B6 }
```

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

Here you see how a box with a 4 pixel #4D66B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D66B6; -webkit-box-shadow:4px 4px  
4px 4px #4D66B6; box-shadow:4px 4px 4px  
4px #4D66B6 }
```

Background

The CSS property to change the background color of an element to Decimal 5072566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D66B6 }
```

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

```
.background{ background-color:#4D66B6 }
```

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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