

Converting Colors

Decimal(5266880)

Have a look what the booklet for
Decimal(5266880) contains.

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Color

Decimal(5266880)

Conversions

Conversions Part 1

Format	Color
Hex	505DC0
RGB	80, 93, 192
RGB Percent	31%, 36%, 75%
CMY	0.6863, 0.6353, 0.2471
CMYK	0.58, 0.52, 0.00, 0.25
HSL	233°, 47%, 53%
HSV	233°, 58%, 75%
XYZ	16.7370, 13.3399, 51.5619
YIQ	100.3990, -39.5270, 28.0330

Conversions

Conversions Part 2

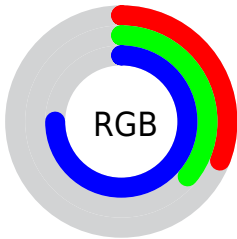
Format	Color
R_{YB}	80, 92, 192
Decimal	5266880
CIE _{Lab}	43.27, 24.77, -53.70
CIE _{LCh}	43, 59.138, 294.766
Yxy	13.3399, 0.2050, 0.1634
Android (android.graphics.Color)	4283456960 (0xFF505DC0)
YUV	100.3990, 45.1593, -17.8899
Hunter-Lab	36.5239, 17.8807, -58.1348

Details

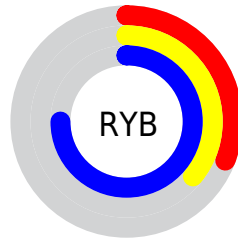
The Decimal color **5266880** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **12628816**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **9080825**, and **12426** is the 20% darker color. If you saturate the color by 10%, you get **4017344**, and if you desaturate by 10%, it is **6516416**.

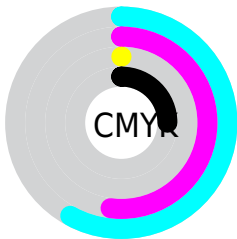
Distribution



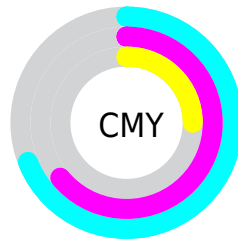
- Red (31%)
- Green (36%)
- Blue (75%)



- Red (31%)
- Yellow (36%)
- Blue (75%)



- Cyan (58%)
- Magenta (52%)
- Yellow (0%)
- Black (25%)



- Cyan (69%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5266880 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 5266880 by changing the saturation by 10% instead.

■ 5266880

■ 5266880

16777215

■ 3163812

■ 9080825

■ 12426

■ 10988287

■ 7024

■ 12895743

■ 1111

■ 14803455

■ 1598

■ 16776703

■ 807

■ 273

■ 0

■ 5266880

■ 5266880

■ 4017344

■ 6516416

■ 2767808

■ 7765952

■ 1452736

■ 9081024

■ 203200

■ 10330560

■ 5824

■ 11580096

■ 12829632

■ 14079168

■ 15394240

■ 16643776

Harmonies

Analogous

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



28616



5266880



9979039

Triad

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



5266880



10898449



31580

Complementary

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



5266880



12628816

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.



30761



5266880



8610048

Square

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



5266880



12203328



5598976



31886

Rectangle

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



5266880



11547777



5598976



31563

Sweetspot

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



5266880



13488890



5292211



6382973



16579836



8224125

Same Dimension

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



5266880



4939770



8081600



5724257



5025



1057

Inverse Universe

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



12603485



16403295



9814096



6379352



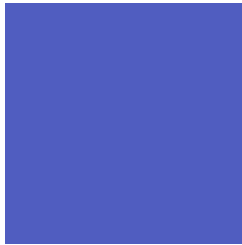
10551315



2162692

Previews

White Background



This preview shows how the Decimal color 5266880 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 5266880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

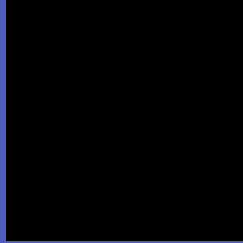
Any Text WCAG AA × Fail

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 5266880 Background



This preview shows how black text looks on a background with the Decimal color 5266880.



This preview shows how white text looks on a background with the Decimal color 5266880.

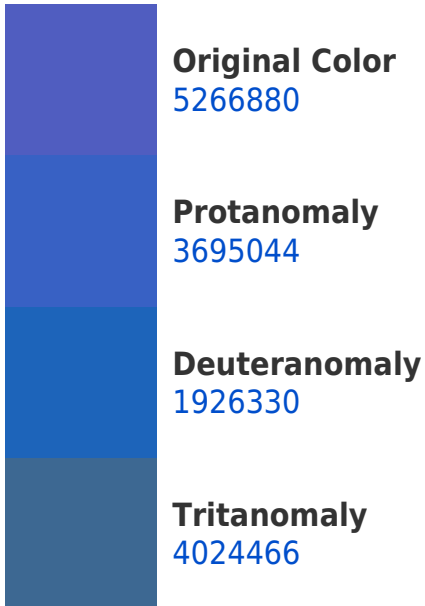
Color Blindness Simulation

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](#).

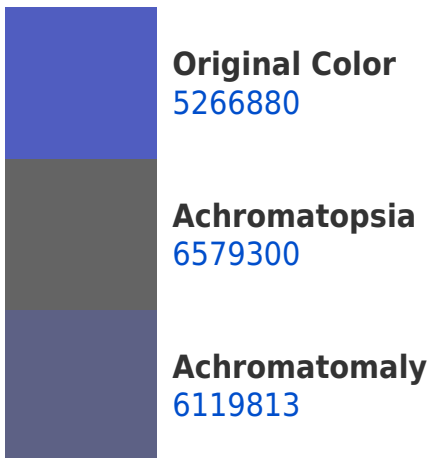
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5266880 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 #505DC0 looks like.

```
.text, #text, p{  
    color:#505DC0  
}
```

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 #505DC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505DC0
}
```

Border

The CSS property to change the border of an element to Decimal 5266880 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
#505DC0 }
```

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

```
.border{ border-color:#505DC0 }
```

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

Here you see how a box with a 4 pixel #505DC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505DC0; -webkit-box-shadow:4px 4px  
4px 4px #505DC0; box-shadow:4px 4px 4px  
4px #505DC0 }
```

Background

The CSS property to change the background color of an element to Decimal 5266880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505DC0 }
```

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

```
.background{ background-color:#505DC0 }
```

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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