

Converting Colors

Decimal(5205723)

Have a look what the booklet for
Decimal(5205723) contains.

Decimal(5205723)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5205723)

Conversions

Conversions Part 1

Format	Color
Hex	4F6EDB
RGB	79, 110, 219
RGB Percent	31%, 43%, 86%
CMY	0.6902, 0.5686, 0.1412
CMYK	0.64, 0.50, 0.00, 0.14
HSL	227°, 66%, 58%
HSV	227°, 64%, 86%
XYZ	21.5866, 17.9286, 69.3407
YIQ	113.1570, -53.4650, 27.3270

Conversions

Conversions Part 2

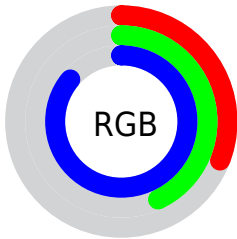
Format	Color
R_{YB}	79, 104, 219
Decimal	5205723
CIE _{Lab}	49.41, 23.12, -59.30
CIE _{LCh}	49, 63.644, 291.304
Yxy	17.9286, 0.1983, 0.1647
Android (android.graphics.Color)	4283395803 (0xFF4F6EDB)
YUV	113.1570, 52.1806, -29.9557
Hunter-Lab	42.3422, 16.9027, -67.4553

Details

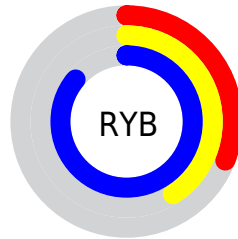
The Decimal color **5205723** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **14400591**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9282047**, and **16291** is the 20% darker color. If you saturate the color by 10%, you get **3759579**, and if you desaturate by 10%, it is **6651867**.

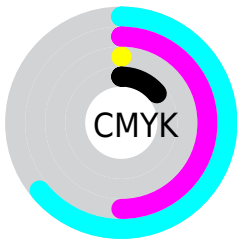
Distribution



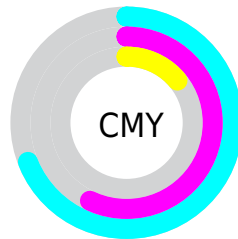
- Red (31%)
- Green (43%)
- Blue (86%)



- Red (31%)
- Yellow (41%)
- Blue (86%)



- Cyan (64%)
- Magenta (50%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (57%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5205723 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 5205723 by changing the saturation by 10% instead.

■ 5205723

■ 5205723

16777215

■ 2774719

■ 9282047

■ 16291

■ 11189503

■ 10888

■ 13162751

■ 5998

■ 15135999

■ 85

■ 1597

■ 806

■ 271

■ 0

■ 5205723

■ 5205723

■ 3759579

■ 6651867

■ 2313435

■ 8098011

■ 867291

■ 9544155

■ 12507

■ 10990299

■ 12436443

■ 13817051

■ 15263195

■ 16709339

■ 16777179

Harmonies

Analogous

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



33249



5205723



10900666

Triad

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



5205723



12604959



36195

Complementary

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



5205723



14400591

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.



1345579



5205723



10185984

Square

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



5205723



13844050



6913536



36507

Rectangle

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



5205723



12862105



6913536



35921

Sweetspot

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



5205723



13621759



5233594



6449536



0



8421504

Same Dimension

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



5205723



3892991



7622619



6514030



9901



2606

Inverse Universe

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



14372718



16726886



11983695



7234405



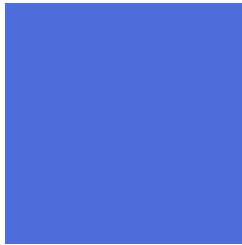
11337766



3014666

Previews

White Background



This preview shows how the Decimal color 5205723 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 5205723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

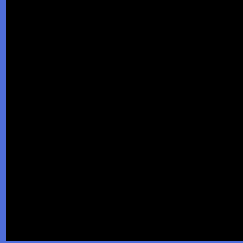
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5205723 Background



This preview shows how black text looks on a background with the Decimal color 5205723.

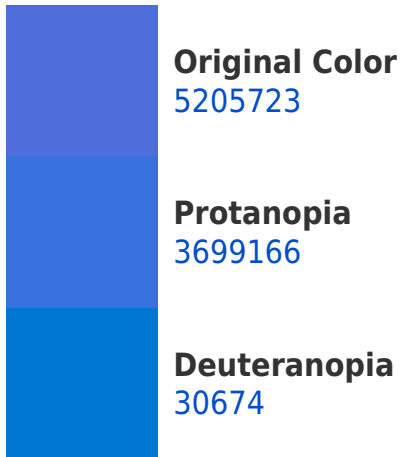



This preview shows how white text looks on a background with the Decimal color 5205723.

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](#).

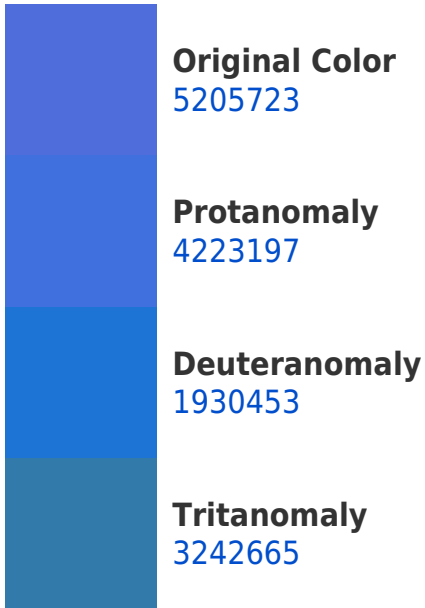
Dichromacy





Tritanopia
2130316

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5205723 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 #4F6EDB looks like.

```
.text, #text, p{  
    color:#4F6EDB  
}
```

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 #4F6EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6EDB
}
```

Border

The CSS property to change the border of an element to Decimal 5205723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

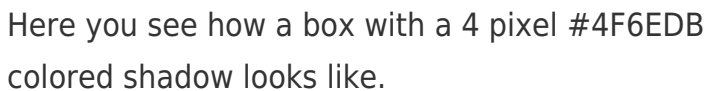
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F6EDB }
```

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

```
.border{ border-color:#4F6EDB }
```

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



Here you see how a box with a 4 pixel #4F6EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6EDB; -webkit-box-shadow:4px 4px  
4px 4px #4F6EDB; box-shadow:4px 4px 4px  
4px #4F6EDB }
```

Background

The CSS property to change the background color of an element to Decimal 5205723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6EDB }
```

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

```
.background{ background-color:#4F6EDB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor