

Converting Colors

Decimal(4213721)

Have a look what the booklet for
Decimal(4213721) contains.

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Color

Decimal(4213721)

Conversions

Conversions Part 1

Format	Color
Hex	404BD9
RGB	64, 75, 217
RGB Percent	25%, 29%, 85%
CMY	0.7490, 0.7059, 0.1490
CMYK	0.71, 0.65, 0.00, 0.15
HSL	236°, 67%, 55%
HSV	236°, 71%, 85%
XYZ	17.1548, 11.1319, 66.8902
YIQ	87.8990, -52.1380, 41.8300

Conversions

Conversions Part 2

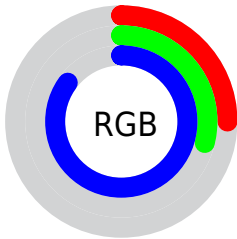
Format	Color
R _Y B	64, 74, 217
Decimal	4213721
CIE Lab	39.80, 42.04, -73.81
CIE LCh	40, 84.942, 299.665
Yxy	11.1319, 0.1802, 0.1170
Android (android.graphics.Color)	4282403801 (0xFF404BD9)
YUV	87.8990, 63.6468, -20.9594
Hunter-Lab	33.3645, 33.3904, -95.5112

Details

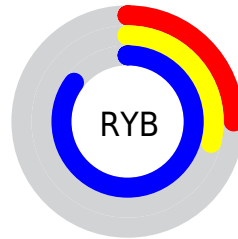
The Decimal color **4213721** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **14274112**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8617215**, and **8097** is the 20% darker color. If you saturate the color by 10%, you get **2766809**, and if you desaturate by 10%, it is **5660633**.

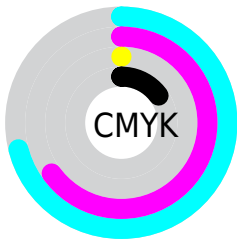
Distribution



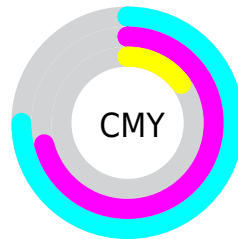
- Red (25%)
- Green (29%)
- Blue (85%)



- Red (25%)
- Yellow (29%)
- Blue (85%)



- Cyan (71%)
- Magenta (65%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (71%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4213721 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 4213721 by changing the saturation by 10% instead.

■ 4213721

■ 4213721

16777215

■ 406717

■ 8617215

■ 8097

■ 10655487

■ 2950

■ 12628479

■ 108

■ 14667263

■ 2898

■ 16706047

■ 1338

■ 548

■ 11

■ 0

■ 4213721

■ 4213721

■ 2766809

■ 5660633

■ 1385433

■ 7042009

■ 4313

■ 8488921

■ 9936089

■ 11383001

■ 12764377

■ 14211289

■ 15658201

■ 16777177

Harmonies

Analogous

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



27116



4213721



11206821

Triad

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



4213721



11024640



30555

Complementary

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



4213721



14274112

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.



29700



4213721



7625472

Square

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



4213721



13172766



2649088



31138

Rectangle

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



4213721



13041785



2649088



30531

Sweetspot

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



4213721



13225471



4250060



6316672



0



8421504

Same Dimension

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



4213721



2504447



8405209



6513518



3245



814

Inverse Universe

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



14237771



16721462



10082624



7234403



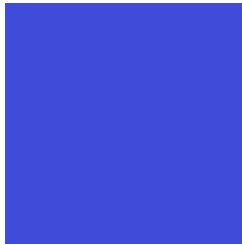
11337740



3014659

Previews

White Background



This preview shows how the Decimal color 4213721 looks on a white background.

Color Contrast Check

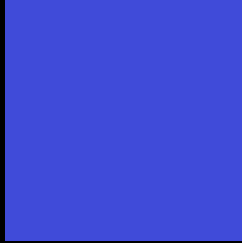
Large Text (above 18pt) WCAG AA ✓ Pass

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 4213721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

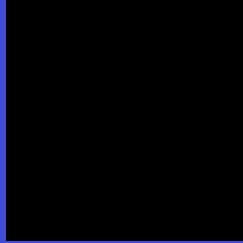
Any Text WCAG AA × Fail

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 4213721 Background



This preview shows how black text looks on a background with the Decimal color 4213721.

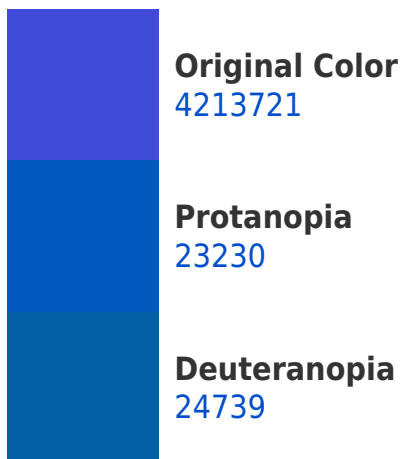


This preview shows how white text looks on a background with the Decimal color 4213721.

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
4213721

Protanomaly
1529288

Deuteranomaly
1530039

Monochromacy



Original Color
4213721

Achromatopsia
5789784

Achromatomaly
5198727

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4213721 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 #404BD9 looks like.

```
.text, #text, p{  
    color:#404BD9  
}
```

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 #404BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404BD9
}
```

Border

The CSS property to change the border of an element to Decimal 4213721 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
#404BD9 }
```

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

```
.border{ border-color:#404BD9 }
```

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

Here you see how a box with a 4 pixel #404BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404BD9; -webkit-box-shadow:4px 4px  
4px 4px #404BD9; box-shadow:4px 4px 4px  
4px #404BD9 }
```

Background

The CSS property to change the background color of an element to Decimal 4213721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404BD9 }
```

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

```
.background{ background-color:#404BD9 }
```

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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