

Converting Colors

Decimal(4217249)

Have a look what the booklet for
Decimal(4217249) contains.

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Color

Decimal(4217249)

Conversions

Conversions Part 1

Format	Color
Hex	4059A1
RGB	64, 89, 161
RGB Percent	25%, 35%, 63%
CMY	0.7490, 0.6510, 0.3686
CMYK	0.60, 0.45, 0.00, 0.37
HSL	225°, 43%, 44%
HSV	225°, 60%, 63%
XYZ	12.1198, 10.8080, 35.1656
YIQ	89.7330, -38.0120, 17.0920

Conversions

Conversions Part 2

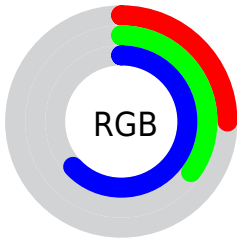
Format	Color
R _Y B	64, 84, 161
Decimal	4217249
CIE Lab	39.26, 13.50, -41.95
CIE LCh	39, 44.069, 287.833
Yxy	10.8080, 0.2086, 0.1860
Android (android.graphics.Color)	4282407329 (0xFF4059A1)
YUV	89.7330, 35.1346, -22.5678
Hunter-Lab	32.8755, 8.2732, -40.4074

Details

The Decimal color **4217249** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10586176**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **7900120**, and **11373** is the 20% darker color. If you saturate the color by 10%, you get **3165601**, and if you desaturate by 10%, it is **5268897**.

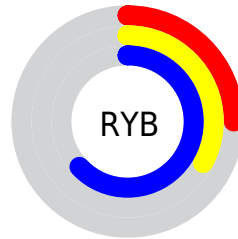
Distribution



Red (25%)

Green (35%)

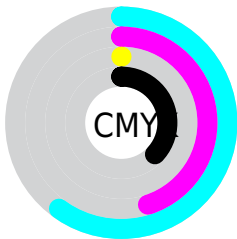
Blue (63%)



Red (25%)

Yellow (33%)

Blue (63%)

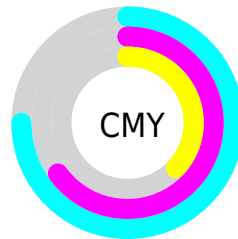


Cyan (60%)

Magenta (45%)

Yellow (0%)

Black (37%)



Cyan (75%)

Magenta (65%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4217249 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 4217249 by changing the saturation by 10% instead.

■ 4217249

■ 4217249

16777215

■ 2179718

■ 7900120

■ 11373

■ 9741813

■ 6228

■ 11583743

■ 60

■ 13491455

■ 550

■ 15399167

■ 270

■ 0

■ 4217249

■ 4217249

■ 3165601

■ 5268897

■ 2113953

■ 6320545

■ 1062305

■ 7372193

■ 10657

■ 8423841

■ 9541025

■ 10592673

■ 11644321

■ 12695969

■ 13747617

Harmonies

Analogous

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



26019



4217249



7948685

Triad

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



4217249



9652008



27980

Complementary

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



4217249



10586176

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.



3107113



4217249



8082703

Square

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



4217249



10304329



5923086



28017

Rectangle

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



4217249



9388152



5923086



27712

Sweetspot

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



4217249



11253201



4235655



5396329



15263976



6908265

Same Dimension

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



4217249



3891665



5718177



4803666



9617



1298

Inverse Universe

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



10567769



13712225



9085248



5392716



9502757



1179653

Previews

White Background



This preview shows how the Decimal color 4217249 looks on a white background.

Color Contrast Check

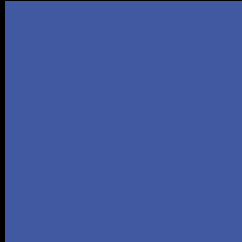
Large Text (above 18pt) WCAG AA ✓ Pass

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 4217249 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 4217249 Background



This preview shows how black text looks on a background with the Decimal color 4217249.



This preview shows how white text looks on a background with the Decimal color 4217249.

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
4217249

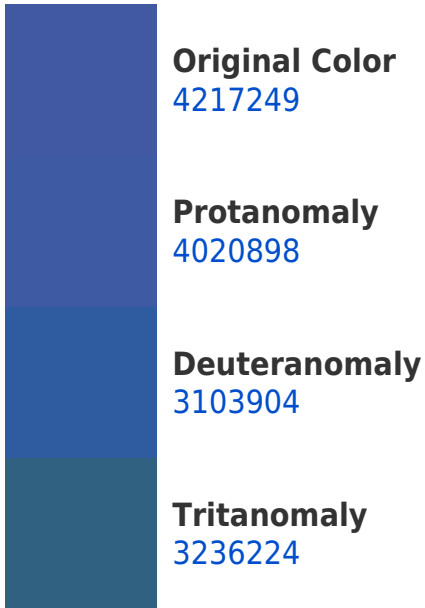
Protanopia
3889826

Deuteranopia
2514336

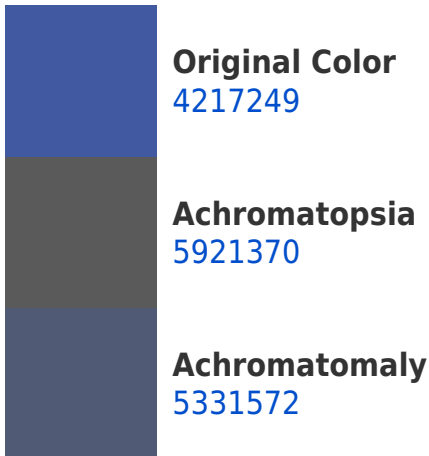


Tritanopia
2647405

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4217249 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 #4059A1 looks like.

```
.text, #text, p{  
    color:#4059A1  
}
```

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 #4059A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4059A1
}
```

Border

The CSS property to change the border of an element to Decimal 4217249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

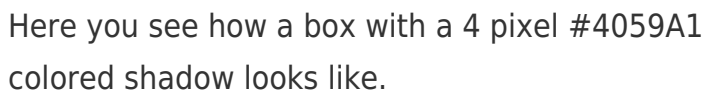
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4059A1 }
```

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

```
.border{ border-color:#4059A1 }
```

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



Here you see how a box with a 4 pixel #4059A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4059A1; -webkit-box-shadow:4px 4px  
4px 4px #4059A1; box-shadow:4px 4px 4px  
4px #4059A1 }
```

Background

The CSS property to change the background color of an element to Decimal 4217249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4059A1 }
```

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

```
.background{ background-color:#4059A1 }
```

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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