

Converting Colors

Decimal(3887249)

Have a look what the booklet for
Decimal(3887249) contains.

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Color

Decimal(3887249)

Conversions

Conversions Part 1

Format	Color
Hex	3B5091
RGB	59, 80, 145
RGB Percent	23%, 31%, 57%
CMY	0.7686, 0.6863, 0.4314
CMYK	0.59, 0.45, 0.00, 0.43
HSL	225°, 42%, 40%
HSV	225°, 59%, 57%
XYZ	9.7831, 8.7115, 27.9539
YIQ	81.1310, -33.3810, 15.7630

Conversions

Conversions Part 2

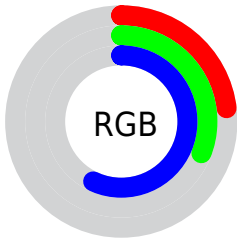
Format	Color
RYB	59, 76, 145
Decimal	3887249
CIELab	35.42, 12.67, -38.45
CIELCh	35, 40.488, 288.242
Yxy	8.7115, 0.2106, 0.1876
Android (android.graphics.Color)	4282077329 (0xFF3B5091)
YUV	81.1310, 31.4874, -19.4089
Hunter-Lab	29.5152, 7.5142, -35.4931

Details

The Decimal color **3887249** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9534523**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **7438791**, and **9310** is the 20% darker color. If you saturate the color by 10%, you get **2966929**, and if you desaturate by 10%, it is **4873105**.

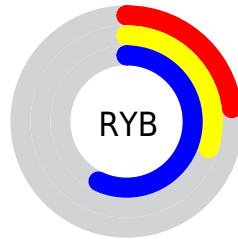
Distribution



Red (23%)

Green (31%)

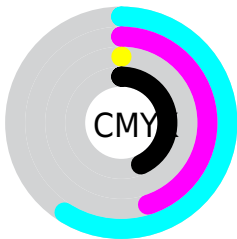
Blue (57%)



Red (23%)

Yellow (30%)

Blue (57%)

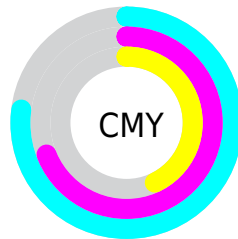


Cyan (59%)

Magenta (45%)

Yellow (0%)

Black (43%)



Cyan (77%)

Magenta (69%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3887249 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 3887249 by changing the saturation by 10% instead.

■ 3887249

■ 3887249

16777215

■ 1915255

■ 7438791

■ 9310

■ 9280484

■ 4166

■ 11056895

■ 1071

■ 12964351

■ 281

■ 14872063

■ 0

■ 3887249

■ 3887249

■ 2966929

■ 4873105

■ 1981073

■ 5793425

■ 995217

■ 6713745

■ 74897

■ 7699601

■ 9105

■ 8685457

■ 9605777

■ 10591633

■ 11511953

■ 12497809

Harmonies

Analogous

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



23443



3887249



7225983

Triad

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



3887249



8667172



25157

Complementary

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



3887249



9534523

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.



2776614



3887249



7294222

Square

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



3887249



9320001



5330958



25447

Rectangle

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



3887249



8468844



5330958



24890

Sweetspot

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



3887249



10199997



3903868



4869982



14606046



6184542

Same Dimension

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



3887249



3626941



5323665



4211271



8583



520

Inverse Universe

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



9517904



12400471



8163643



4669506



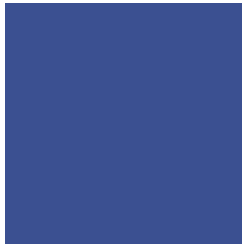
8847393



524290

Previews

White Background



This preview shows how the Decimal color 3887249 looks on a white background.

Color Contrast Check

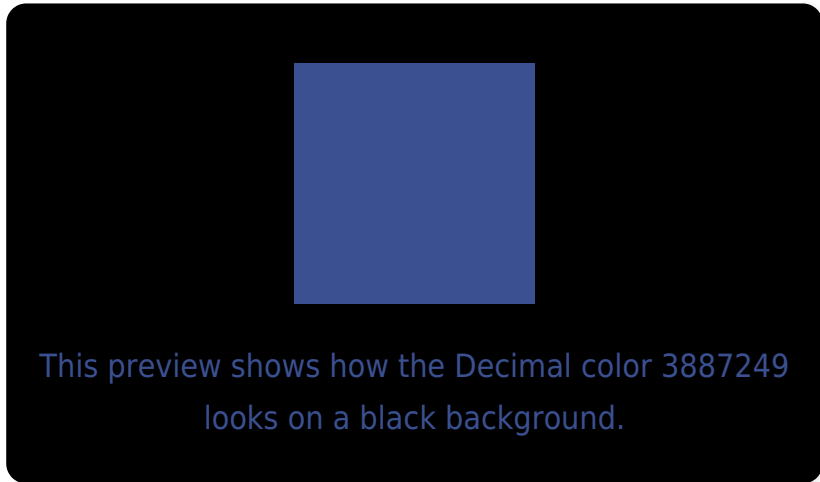
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

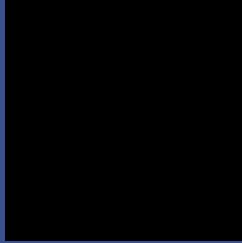
Any Text WCAG AA × Fail

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 3887249 Background



This preview shows how black text looks on a background with the Decimal color 3887249.



This preview shows how white text looks on a background with the Decimal color 3887249.

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
3887249

Protanopia
3494290

Deuteranopia
2315408

Trichromacy



Original Color
3887249

Protanomaly
3625362

Deuteranomaly
2904976

Tritanomaly
3037043

Monochromacy



Original Color
3887249

Achromatopsia
5329233

Achromatomaly
4804968

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3887249 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 #3B5091 looks like.

```
.text, #text, p{  
    color:#3B5091  
}
```

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 #3B5091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5091
}
```

Border

The CSS property to change the border of an element to Decimal 3887249 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
#3B5091 }
```

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

```
.border{ border-color:#3B5091 }
```

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

Here you see how a box with a 4 pixel #3B5091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5091; -webkit-box-shadow:4px 4px  
4px 4px #3B5091; box-shadow:4px 4px 4px  
4px #3B5091 }
```

Background

The CSS property to change the background color of an element to Decimal 3887249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5091 }
```

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

```
.background{ background-color:#3B5091 }
```

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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