

Converting Colors

Decimal(3949473)

Have a look what the booklet for
Decimal(3949473) contains.

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Color

Decimal(3949473)

Conversions

Conversions Part 1

Format	Color
Hex	3C43A1
RGB	60, 67, 161
RGB Percent	24%, 26%, 63%
CMY	0.7647, 0.7373, 0.3686
CMYK	0.63, 0.58, 0.00, 0.37
HSL	236°, 46%, 43%
HSV	236°, 63%, 63%
XYZ	10.3037, 7.5482, 34.6321
YIQ	75.6230, -34.3460, 27.7500

Conversions

Conversions Part 2

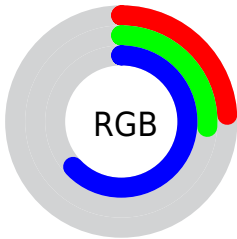
Format	Color
R_{YB}	60, 67, 161
Decimal	3949473
CIE _{Lab}	33.02, 27.10, -52.00
CIE _{LCh}	33, 58.636, 297.527
Yxy	7.5482, 0.1963, 0.1438
Android (android.graphics.Color)	4282139553 (0xFF3C43A1)
YUV	75.6230, 42.0909, -13.7014
Hunter-Lab	27.4739, 18.8641, -55.5058

Details

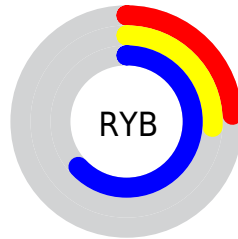
The Decimal color **3949473** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **10590780**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **7762905**, and **6252** is the 20% darker color. If you saturate the color by 10%, you get **2897057**, and if you desaturate by 10%, it is **5001889**.

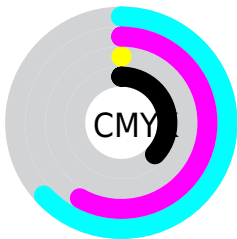
Distribution



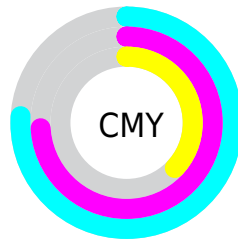
- Red (24%)
- Green (26%)
- Blue (63%)



- Red (24%)
- Yellow (26%)
- Blue (63%)



- Cyan (63%)
- Magenta (58%)
- Yellow (0%)
- Black (37%)



- Cyan (76%)
- Magenta (74%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3949473 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 3949473 by changing the saturation by 10% instead.

■ 3949473

■ 3949473

16777215

■ 1650054

■ 7762905

■ 6252

■ 9604597

■ 340

■ 11446271

■ 1595

■ 13353727

■ 549

■ 15326975

■ 269

■ 16776191

■ 0

■ 3949473

■ 3949473

■ 2897057

■ 5001889

■ 1844641

■ 6054305

■ 792225

■ 7106721

■ 2977

■ 8159137

■ 9277089

■ 10329505

■ 11381921

■ 12434337

■ 13486753

Harmonies

Analogous

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



21932



3949473



8398464

Triad

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



3949473



8730112



24904

Complementary

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



3949473



10590780

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.



24086



3949473



6507264

Square

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



3949473



10098214



3561216



24952

Rectangle

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



3949473



9768291



3561216



24632

Sweetspot

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



3949473



11119825



3973529



5329513



15263976



6908265

Same Dimension

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



3949473



3424209



6700193



4803154



2705



274

Inverse Universe

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



10566723



13710399



7840060



5392714



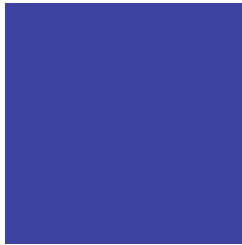
9502730



1179649

Previews

White Background



This preview shows how the Decimal color 3949473 looks on a white background.

Color Contrast Check

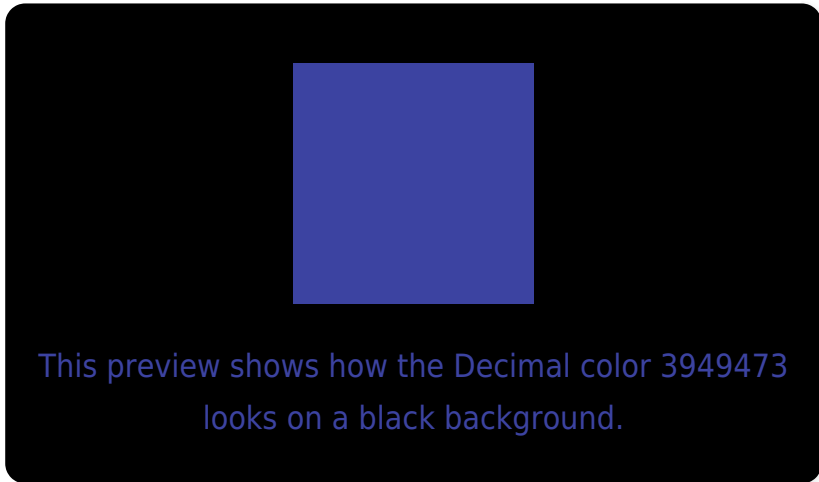
Large Text (above 18pt) WCAG AA ✓ Pass

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

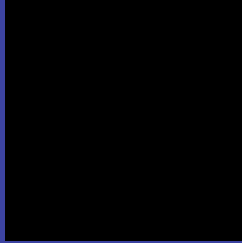
Any Text WCAG AA × Fail

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 3949473 Background



This preview shows how black text looks on a background with the Decimal color 3949473.




This preview shows how white text looks on a background with the Decimal color 3949473.

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
1398364

Trichromacy



Original Color
3949473

Protanomaly
1460384

Deuteranomaly
1461138

Tritanomaly
2314101

Monochromacy



Original Color
3949473

Achromatopsia
5000268

Achromatomaly
4606315

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3949473 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 #3C43A1 looks like.

```
.text, #text, p{  
  color:#3C43A1  
}
```

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 #3C43A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C43A1
}
```

Border

The CSS property to change the border of an element to Decimal 3949473 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
#3C43A1 }
```

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

```
.border{ border-color:#3C43A1 }
```

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

Here you see how a box with a 4 pixel #3C43A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C43A1; -webkit-box-shadow:4px 4px  
4px 4px #3C43A1; box-shadow:4px 4px 4px  
4px #3C43A1 }
```

Background

The CSS property to change the background color of an element to Decimal 3949473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C43A1 }
```

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

```
.background{ background-color:#3C43A1 }
```

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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