

Converting Colors

Decimal(3949421)

Have a look what the booklet for
Decimal(3949421) contains.

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Color

Decimal(3949421)

Conversions

Conversions Part 1

Format	Color
Hex	3C436D
RGB	60, 67, 109
RGB Percent	24%, 26%, 43%
CMY	0.7647, 0.7373, 0.5725
CMYK	0.45, 0.39, 0.00, 0.57
HSL	231°, 29%, 33%
HSV	231°, 45%, 43%
XYZ	6.6310, 6.0791, 15.2919
YIQ	69.6950, -17.6540, 11.5780

Conversions

Conversions Part 2

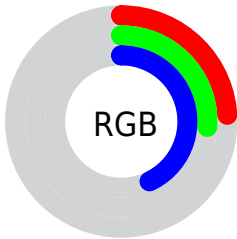
Format	Color
RYB	60, 66, 109
Decimal	3949421
CIELab	29.61, 9.23, -25.32
CIELCh	30, 26.951, 290.036
Yxy	6.0791, 0.2368, 0.2171
Android (android.graphics.Color)	4282139501 (0xFF3C436D)
YUV	69.6950, 19.3774, -8.5025
Hunter-Lab	24.6558, 4.8582, -19.5134

Details

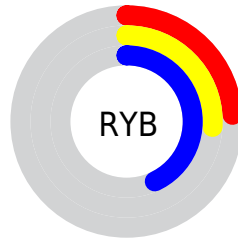
The Decimal color **3949421** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7169596**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **7238561**, and **596285** is the 20% darker color. If you saturate the color by 10%, you get **3226221**, and if you desaturate by 10%, it is **4672621**.

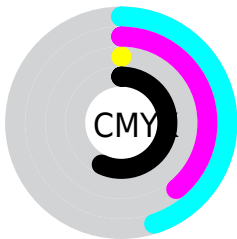
Distribution



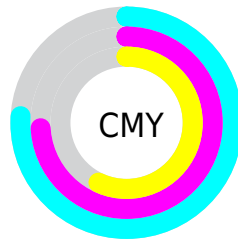
- Red (24%)
- Green (26%)
- Blue (43%)



- Red (24%)
- Yellow (26%)
- Blue (43%)



- Cyan (45%)
- Magenta (39%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (74%)
- Yellow (57%)
- Black (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3949421 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 3949421 by changing the saturation by 10% instead.



3949421



3949421

16777215



2370900



7238561



596285



8948924



39



10725336



273



12501748



0



14343935



16251647



3949421



3949421



3226221



4672621

■ 2502765

■ 5396077

■ 1779565

■ 6119277

■ 1056365

■ 6842477

■ 398445

■ 7565933

■ 4205

■ 8223597

■ 8946797

■ 9670253

■ 10393453

Harmonies

Analogous

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



412271



3949421



5847905

Triad

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



3949421



6765350



86078

Complementary

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



3949421



7169596

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.



2903594



3949421



5784092

Square

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



3949421



7157049



4475165



20563

Rectangle

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



3949421



6633044



4475165



1396535

Sweetspot

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



3949421



8159119



3960166



3948103



13092807



4671303

Same Dimension

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



3949421



4345231



5061741



3158326



4469



9205

Inverse Universe

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



7158851



9388621



6057276



3551281



7667729



16056355

Previews

White Background



This preview shows how the Decimal color 3949421 looks on a white background.

Color Contrast Check

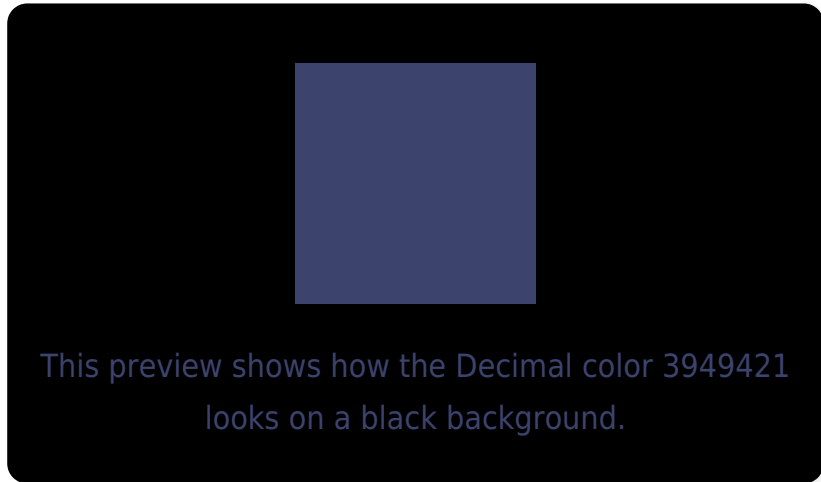
Large Text (above 18pt) WCAG AA ✓ Pass

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

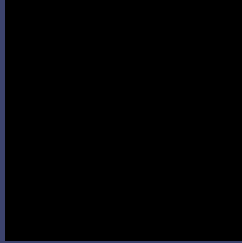
Any Text WCAG AA × Fail

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 3949421 Background



This preview shows how black text looks on a background with the Decimal color 3949421.



This preview shows how white text looks on a background with the Decimal color 3949421.

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

3949421

Protanopia

3556462

Deuteranopia

3229292

Trichromacy



Original Color

3949421

Protanomaly

3687534

Deuteranomaly

3491180

Tritanomaly

3622746

Monochromacy



Original Color

3949421

Achromatopsia

4605510

Achromatomaly

4343124

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3949421 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 #3C436D looks like.

```
.text, #text, p{  
    color:#3C436D  
}
```

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 #3C436D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C436D
}
```

Border

The CSS property to change the border of an element to Decimal 3949421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

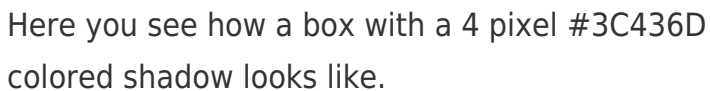
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C436D }
```

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

```
.border{ border-color:#3C436D }
```

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



Here you see how a box with a 4 pixel #3C436D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C436D; -webkit-box-shadow:4px 4px  
4px 4px #3C436D; box-shadow:4px 4px 4px  
4px #3C436D }
```

Background

The CSS property to change the background color of an element to Decimal 3949421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C436D }
```

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

```
.background{ background-color:#3C436D }
```

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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