

Converting Colors

Decimal(4344422)

Have a look what the booklet for
Decimal(4344422) contains.

Decimal(4344422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4344422)

Conversions

Conversions Part 1

Format	Color
Hex	424A66
RGB	66, 74, 102
RGB Percent	26%, 29%, 40%
CMY	0.7412, 0.7098, 0.6000
CMYK	0.35, 0.27, 0.00, 0.60
HSL	227°, 21%, 33%
HSV	227°, 35%, 40%
XYZ	7.0938, 7.0151, 13.5505
YIQ	74.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

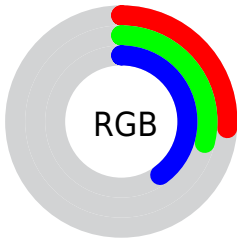
Format	Color
RYB	66, 73, 102
Decimal	4344422
CIELab	31.84, 4.30, -17.37
CIElCh	32, 17.893, 283.915
Yxy	7.0151, 0.2565, 0.2536
Android (android.graphics.Color)	4282534502 (0xFF424A66)
YUV	74.8000, 13.4096, -7.7176
Hunter-Lab	26.4861, 1.4574, -11.7931

Details

The Decimal color **4344422** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6708802**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **7568281**, and **1318711** is the 20% darker color. If you saturate the color by 10%, you get **3687014**, and if you desaturate by 10%, it is **5001830**.

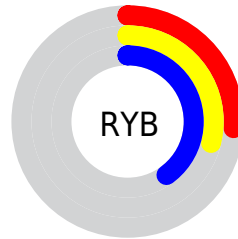
Distribution



Red (26%)

Green (29%)

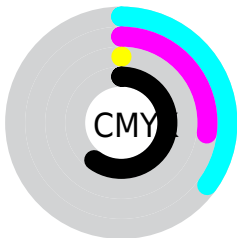
Blue (40%)



Red (26%)

Yellow (29%)

Blue (40%)

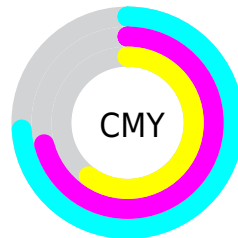


Cyan (35%)

Magenta (27%)

Yellow (0%)

Black (60%)



Cyan (74%)

Magenta (71%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4344422 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 4344422 by changing the saturation by 10% instead.



4344422



4344422

16777215



2831438



7568281



1318711



9278644



1314



11055056



8



12831468



0



14673663



16580607



4344422



4344422



3687014



5001830

■ 3029606

■ 5659238

■ 2306662

■ 6382182

■ 1649254

■ 7039590

■ 991846

■ 7696998

■ 334438

■ 8354406

■ 5990

■ 9011814

■ 9734502

■ 10391910

Harmonies

Analogous

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



2969190



4344422



5588319

Triad

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



4344422



6570808



3035715

Complementary

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



4344422



6708802

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.



4083766



4344422



5982000

Square

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



4344422



6766661



5131311



2052945

Rectangle

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



4344422



6177368



5131311



3363134

Sweetspot

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



4344422



7764357



4351582



3816514



12763842



4342338

Same Dimension

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



4344422



5069189



4997734



3026739



6771



14066

Inverse Universe

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



6701642



8736089



6055490



3354159



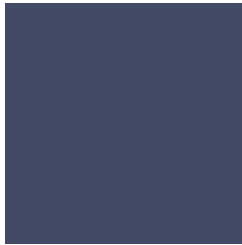
7536666



15859766

Previews

White Background



This preview shows how the Decimal color 4344422 looks on a white background.

Color Contrast Check

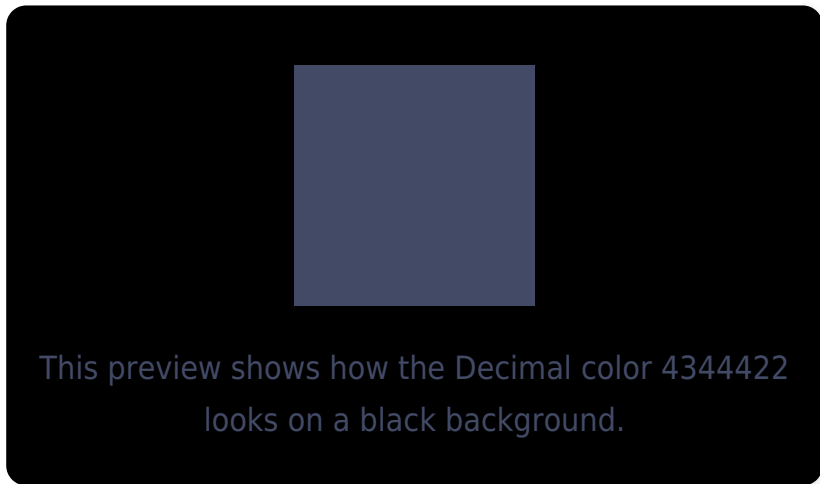
Large Text (above 18pt) WCAG AA ✓ Pass

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

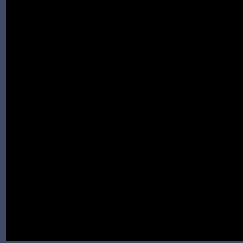
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

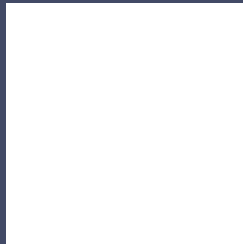
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4344422 Background



This preview shows how black text looks on a background with the Decimal color 4344422.



This preview shows how white text looks on a background with the Decimal color 4344422.

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
4344422

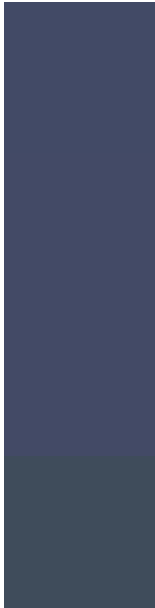
Protanopia
4409958

Deuteranopia
4409958



Tritanopia
4083028

Trichromacy



Original Color

4344422

Protanomaly

4409958

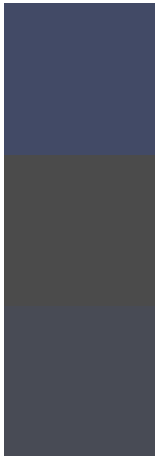
Deuteranomaly

4409958

Tritanomaly

4148315

Monochromacy



Original Color

4344422

Achromatopsia

4934475

Achromatomaly

4737877

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4344422 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 #424A66 looks like.

```
.text, #text, p{  
    color:#424A66  
}
```

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 #424A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424A66  
}
```

Border

The CSS property to change the border of an element to Decimal 4344422 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  
#424A66 }
```

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

```
.border{ border-color:#424A66 }
```

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

Here you see how a box with a 4 pixel #424A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424A66; -webkit-box-shadow:4px 4px  
4px 4px #424A66; box-shadow:4px 4px 4px  
4px #424A66 }
```

Background

The CSS property to change the background color of an element to Decimal 4344422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424A66 }
```

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

```
.background{ background-color:#424A66 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor