

Converting Colors

Decimal(3946330)

Have a look what the booklet for
Decimal(3946330) contains.

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Color

Decimal(3946330)

Conversions

Conversions Part 1

Format	Color
Hex	3C375A
RGB	60, 55, 90
RGB Percent	24%, 22%, 35%
CMY	0.7647, 0.7843, 0.6471
CMYK	0.33, 0.39, 0.00, 0.65
HSL	249°, 24%, 28%
HSV	249°, 39%, 35%
XYZ	5.0751, 4.4312, 10.2607
YIQ	60.4850, -8.2550, 11.9450

Conversions

Conversions Part 2

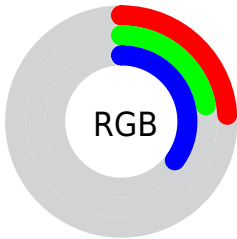
Format	Color
RYB	60, 55, 90
Decimal	3946330
CIELab	25.05, 11.35, -20.24
CIELCh	25, 23.203, 299.277
Yxy	4.4312, 0.2567, 0.2242
Android (android.graphics.Color)	4282136410 (0xFF3C375A)
YUV	60.4850, 14.5509, -0.4253
Hunter-Lab	21.0505, 6.1969, -14.1646

Details

The Decimal color **3946330** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5593655**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **7104140**, and **1051692** is the 20% darker color. If you saturate the color by 10%, you get **3419738**, and if you desaturate by 10%, it is **4472922**.

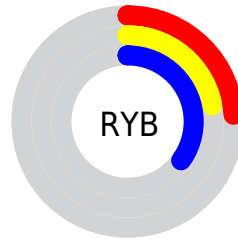
Distribution



Red (24%)

Green (22%)

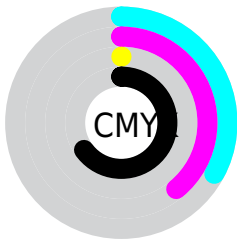
Blue (35%)



Red (24%)

Yellow (22%)

Blue (35%)

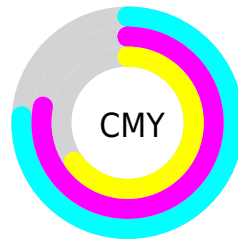


Cyan (33%)

Magenta (39%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (78%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3946330 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 3946330 by changing the saturation by 10% instead.

■ 3946330

■ 3946330

16777215

■ 2433602

■ 7104140

■ 1051692

■ 8814503

■ 279

■ 10590658

■ 0

■ 12366814

■ 14209019

■ 16051199

■ 3946330

■ 3946330

■ 3419738

■ 4472922

■ 2958682

■ 4933978

■ 2432090

■ 5460570

■ 1905498

■ 5987162

■ 1378906

■ 6513754

■ 917850

■ 6974810

■ 852058

■ 7501402

■ 8027994

■ 8489050

Harmonies

Analogous

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



1850718



3946330



5320782

Triad

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



3946330



5518366



17466

Complementary

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



3946330



5593655

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.



1983273



3946330



4602391

Square

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



3946330



6041131



3489564



17484

Rectangle

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



3946330



5844546



3489564



476212

Sweetspot

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



3946330



6907765



3626330



3420731



12237498



3881787

Same Dimension

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



3946330



4603509



5060442



2763054



1048686



2228461

Inverse Universe

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



5912405



7683693



4479543



3025197



7209054



15532235

Previews

White Background



This preview shows how the Decimal color 3946330 looks on a white background.

Color Contrast Check

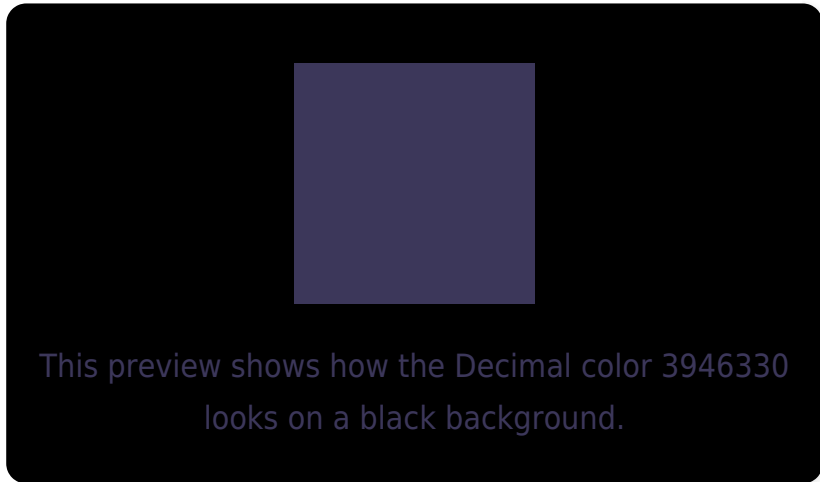
Large Text (above 18pt) WCAG AA ✓ Pass

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

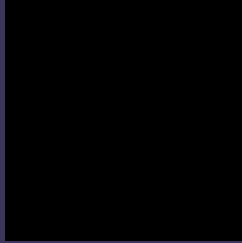
Any Text WCAG AA × Fail

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 3946330 Background



This preview shows how black text looks on a background with the Decimal color 3946330.



This preview shows how white text looks on a background with the Decimal color 3946330.

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

3946330

Protanopia

3095133

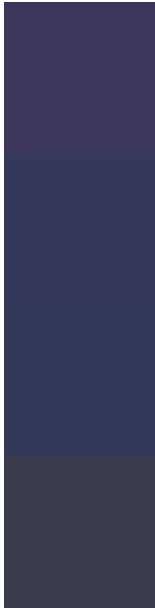
Deuteranopia

3029849



Tritanopia
3619905

Trichromacy



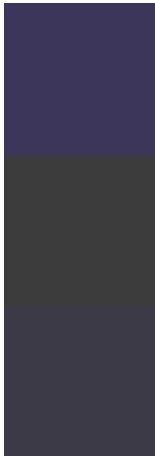
Original Color
3946330

Protanomaly
3422556

Deuteranomaly
3357273

Tritanomaly
3750474

Monochromacy



Original Color
3946330

Achromatopsia
3947580

Achromatomaly
3947079

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3946330 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 #3C375A looks like.

```
.text, #text, p{  
  color:#3C375A  
}
```

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 #3C375A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C375A
}
```

Border

The CSS property to change the border of an element to Decimal 3946330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

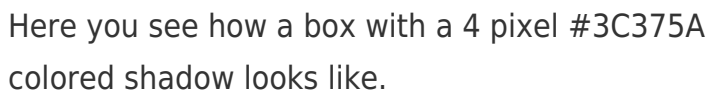
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C375A }
```

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

```
.border{ border-color:#3C375A }
```

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



Here you see how a box with a 4 pixel #3C375A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C375A; -webkit-box-shadow:4px 4px  
4px 4px #3C375A; box-shadow:4px 4px 4px  
4px #3C375A }
```

Background

The CSS property to change the background color of an element to Decimal 3946330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C375A }
```

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

```
.background{ background-color:#3C375A }
```

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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