

# Converting Colors

Decimal(3946334)

Have a look what the booklet for  
Decimal(3946334) contains.

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# Color

**Decimal(3946334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C375E
RGB	60, 55, 94
RGB Percent	24%, 22%, 37%
CMY	0.7647, 0.7843, 0.6314
CMYK	0.36, 0.41, 0.00, 0.63
HSL	248°, 26%, 29%
HSV	248°, 41%, 37%
XYZ	5.2500, 4.5012, 11.1818
YIQ	60.9410, -9.5390, 13.1890

# Conversions

## Conversions Part 2

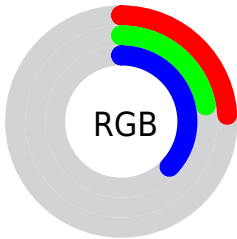
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 55, 94
Decimal	3946334
CIELab	25.26, 12.56, -22.51
CIELCh	25, 25.780, 299.154
Yxy	4.5012, 0.2508, 0.2150
Android (android.graphics.Color)	4282136414 (0xFF3C375E)
YUV	60.9410, 16.2981, -0.8253
Hunter-Lab	21.2160, 7.0431, -16.3973

# Details

The Decimal color **3946334** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5856823**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **7169681**, and **986160** is the 20% darker color. If you saturate the color by 10%, you get **3419742**, and if you desaturate by 10%, it is **4472926**.

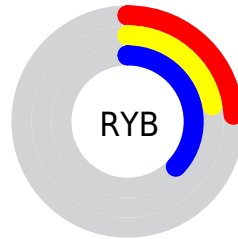
# Distribution



Red (24%)

Green (22%)

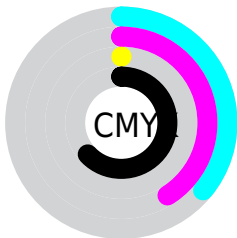
Blue (37%)



Red (24%)

Yellow (22%)

Blue (37%)

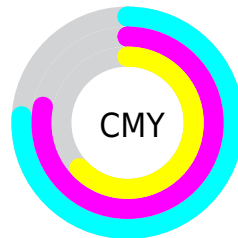


Cyan (36%)

Magenta (41%)

Yellow (0%)

Black (63%)



Cyan (76%)

Magenta (78%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3946334 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 3946334 by changing the saturation by 10% instead.





3946334



3946334

16777215



2433606



7169681



986160



8880043



282



10590663



0



12366819



14209023



16116735



3946334



3946334



3419742



4472926

■ 2892894

■ 4999774

■ 2300766

■ 5591902

■ 1773918

■ 6118750

■ 1247326

■ 6645342

■ 786526

■ 7171934

■ 7698782

■ 8290910

■ 8817758

# Harmonies

## Analogous

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



1326691



3946334



5451600

# Triad

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



3946334



5714715



17979

# Complementary

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



3946334



5856823

# 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.



1786919



3946334



4733715

# Square

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



3946334



6237482



3424280



17742

# Rectangle

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



3946334



6040644



3424280



17716



# Sweetspot

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



3946334



7236730



3627358



3552573



12434877



4013373



# Same Dimension

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



3946334



4537722



5191518



2763054



917614



1966317



# Inverse Universe

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



6174553



8011123



4611639



3025197



7209056



15532239



# Previews

## White Background



This preview shows how the Decimal color 3946334 looks on a white background.

## Color Contrast Check

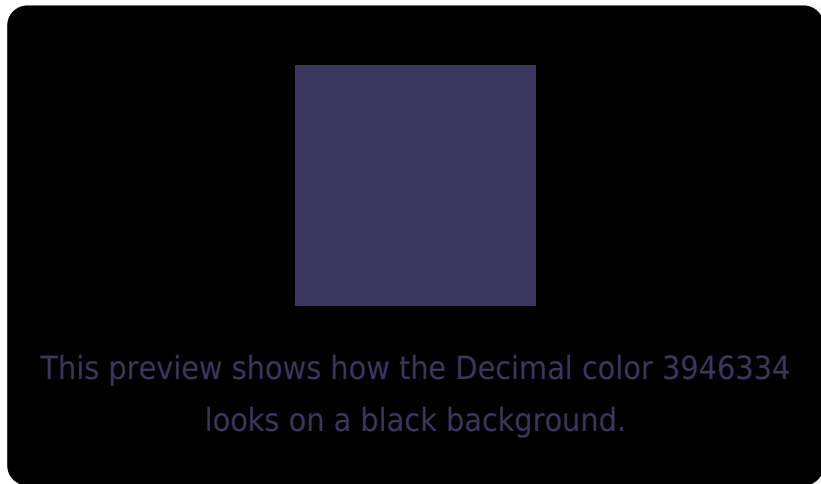
Large Text (above 18pt) WCAG AA ✓ Pass

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

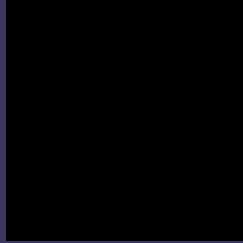
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3946334 Background



This preview shows how black text looks on a background with the Decimal color 3946334.



This preview shows how white text looks on a background with the Decimal color 3946334.

# 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**

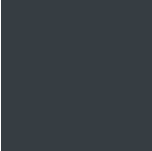
3946334

**Protanopia**

2964321

**Deuteranopia**

2833501



**Tritanopia**  
3554626

# Trichromacy



**Original Color**

3946334

**Protanomaly**

3291744

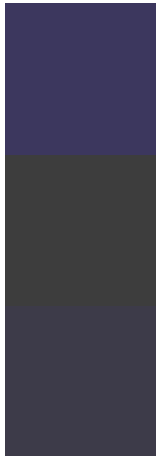
**Deuteranomaly**

3226205

**Tritanomaly**

3685196

# Monochromacy



**Original Color**

3946334

**Achromatopsia**

4013373

**Achromatomaly**

4012873

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3946334 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 #3C375E looks like.

```
.text, #text, p{  
  color:#3C375E  
}
```

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 #3C375E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C375E
}
```

## Border

The CSS property to change the border of an element to Decimal 3946334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

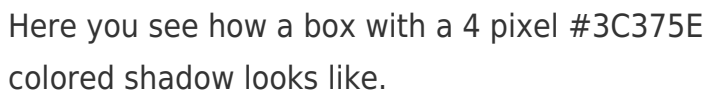
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C375E }
```

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

```
.border{ border-color:#3C375E }
```

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



Here you see how a box with a 4 pixel #3C375E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C375E; -webkit-box-shadow:4px 4px  
4px 4px #3C375E; box-shadow:4px 4px 4px  
4px #3C375E }
```

# Background

The CSS property to change the background color of an element to Decimal 3946334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C375E }
```

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

```
.background{ background-color:#3C375E }
```

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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