

Converting Colors

Decimal(3947637)

Have a look what the booklet for
Decimal(3947637) contains.

Decimal(3947637)	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(3947637)

Conversions

Conversions Part 1

Format	Color
Hex	3C3C75
RGB	60, 60, 117
RGB Percent	24%, 24%, 46%
CMY	0.7647, 0.7647, 0.5412
CMYK	0.49, 0.49, 0.00, 0.54
HSL	240°, 32%, 35%
HSV	240°, 49%, 46%
XYZ	6.6902, 5.4767, 17.5341
YIQ	66.4980, -18.2970, 17.7270

Conversions

Conversions Part 2

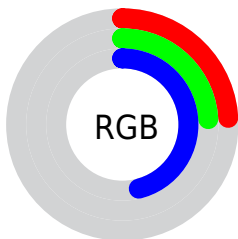
Format	Color
R_{YB}	60, 60, 117
Decimal	3947637
CIE _{Lab}	28.05, 16.57, -32.86
CIE _{LCh}	28, 36.799, 296.755
Yxy	5.4767, 0.2253, 0.1844
Android (android.graphics.Color)	4282137717 (0xFF3C3C75)
YUV	66.4980, 24.8975, -5.6987
Hunter-Lab	23.4024, 10.0749, -28.0410

Details

The Decimal color **3947637** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7697724**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **7302058**, and **266820** is the 20% darker color. If you saturate the color by 10%, you get **3158133**, and if you desaturate by 10%, it is **4737141**.

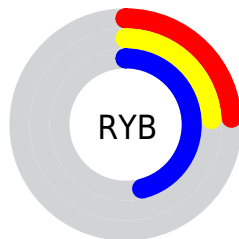
Distribution



Red (24%)

Green (24%)

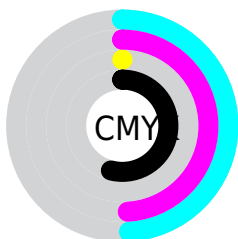
Blue (46%)



Red (24%)

Yellow (24%)

Blue (46%)

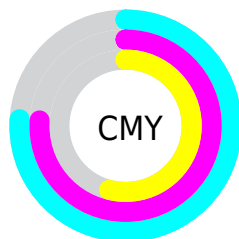


Cyan (49%)

Magenta (49%)

Yellow (0%)

Black (54%)



Cyan (76%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3947637 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 3947637 by changing the saturation by 10% instead.

■ 3947637

■ 3947637

16777215

■ 2238044

■ 7302058

■ 266820

■ 9012421

■ 46

■ 10854369

■ 280

■ 12630782

■ 0

■ 14538239

■ 16446207

■ 3947637

■ 3947637

■ 3158133

■ 4737141

■ 2434421

■ 5460853

■ 1644917

■ 6250357

■ 855413

■ 7039861

■ 131701

■ 7763573

■ 117

■ 8553077

■ 9342581

■ 10132085

■ 10855797

Harmonies

Analogous

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



18043



3947637



6369122

Triad

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



3947637



6829330



20286

Complementary

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



3947637



7697724

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.



740641



3947637



5455873

Square

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



3947637



7612714



3622920



20315

Rectangle

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



3947637



7284816



3622920



20276

Sweetspot

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



3947637



8553113



3962229



4144973



13421772



5066061

Same Dimension

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



3947637



4210841



5848181



3487035



122



250

Inverse Universe

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



7683189



10043545



5862716



3880251



7995514



16384250

Previews

White Background



This preview shows how the Decimal color 3947637 looks on a white background.

Color Contrast Check

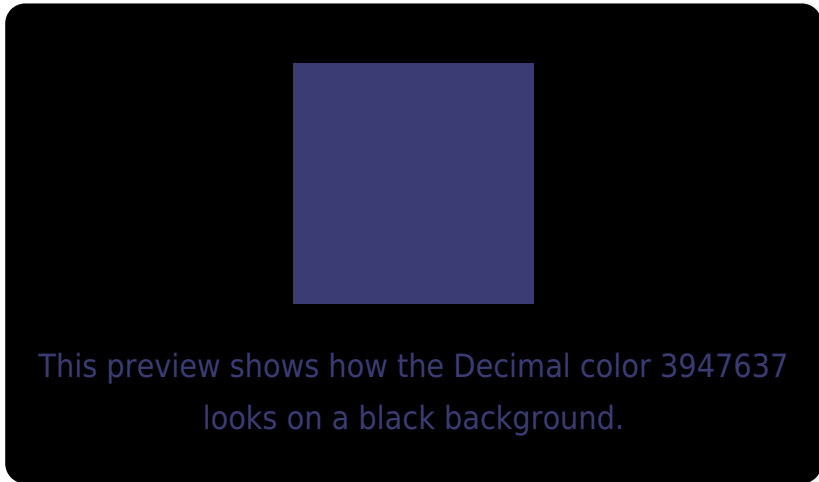
Large Text (above 18pt) WCAG AA ✓ Pass

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 3947637 Background



This preview shows how black text looks on a background with the Decimal color 3947637.

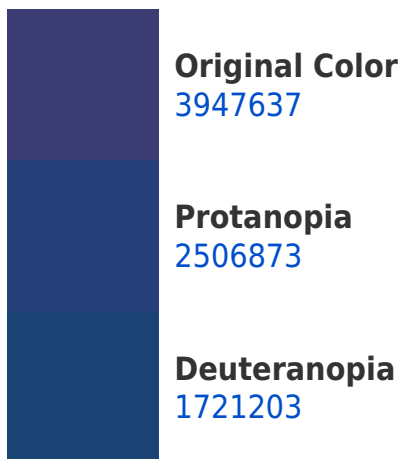


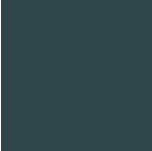
This preview shows how white text looks on a background with the Decimal color 3947637.

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
3163723

Trichromacy



Original Color
3947637

Protanomaly
3030904

Deuteranomaly
2506868

Tritanomaly
3424858

Monochromacy



Original Color
3947637

Achromatopsia
4342338

Achromatomaly
4210773

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3947637 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 #3C3C75 looks like.

```
.text, #text, p{  
  color:#3C3C75  
}
```

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 #3C3C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3C75
}
```

Border

The CSS property to change the border of an element to Decimal 3947637 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
#3C3C75 }
```

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

```
.border{ border-color:#3C3C75 }
```

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

Here you see how a box with a 4 pixel #3C3C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3C75; -webkit-box-shadow:4px 4px  
4px 4px #3C3C75; box-shadow:4px 4px 4px  
4px #3C3C75 }
```

Background

The CSS property to change the background color of an element to Decimal 3947637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3C75 }
```

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

```
.background{ background-color:#3C3C75 }
```

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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