

Converting Colors

Decimal(937337)

Have a look what the booklet for
Decimal(937337) contains.

Decimal(937337)	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(937337)

Conversions

Conversions Part 1

Format	Color
Hex	0E4D79
RGB	14, 77, 121
RGB Percent	5%, 30%, 47%
CMY	0.9451, 0.6980, 0.5255
CMYK	0.88, 0.36, 0.00, 0.53
HSL	205°, 79%, 26%
HSV	205°, 88%, 47%
XYZ	6.2862, 6.7816, 19.0668
YIQ	63.1790, -51.6720, 0.3280

Conversions

Conversions Part 2

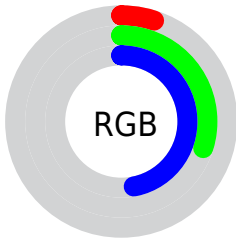
Format	Color
R_{YB}	14, 54, 121
Decimal	937337
CIE _{Lab}	31.30, -1.70, -30.33
CIE _{LCh}	31, 30.381, 266.799
Yxy	6.7816, 0.1956, 0.2110
Android (android.graphics.Color)	4279127417 (0xFF0E4D79)
YUV	63.1790, 28.5058, -43.1300
Hunter-Lab	26.0415, -2.4844, -25.1814

Details

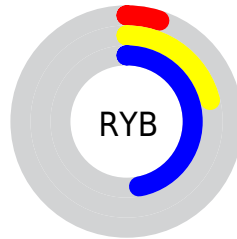
The Decimal color **937337** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7944718**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **5209774**, and **8520** is the 20% darker color. If you saturate the color by 10%, you get **149625**, and if you desaturate by 10%, it is **1725049**.

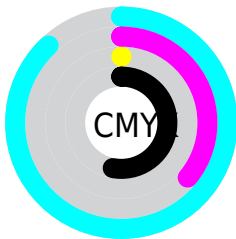
Distribution



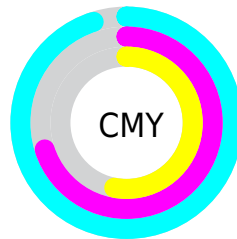
- Red (5%)
- Green (30%)
- Blue (47%)



- Red (5%)
- Yellow (21%)
- Blue (47%)



- Cyan (88%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 937337 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 937337 by changing the saturation by 10% instead.

■ 937337 ■ 937337

16777215 ■ 13920

■ 5209774 ■ 8520

■ 6985673 ■ 2609

■ 8827621 ■ 284

■ 10669823 ■ 0

■ 12511999

■ 14417919

■ 16383999

■ 937337 ■ 937337

■ 149625

■ 1725049

■ 18297

■ 2512761

■ 3300473

■ 4088185

■ 4875897

■ 5729145

■ 6516857

■ 7304569

■ 8092281

Harmonies

Analogous

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



21361



937337



4670580

Triad

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



937337



7681846



2380591

Complementary

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



937337



7944718

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.



4345629



937337



7028514

Square

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



937337



7615821



5851160



21830

Rectangle

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



937337



6045290



5851160



3101224

Sweetspot

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



937337



7572894



948537



3556687



13619151



5197647

Same Dimension

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



937337



23966



924025



3619645



19069



38396

Inverse Universe

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



7933517



10354781



7958030



4011835



8192074



16515221

Previews

White Background



This preview shows how the Decimal color 937337 looks on a white background.

Color Contrast Check

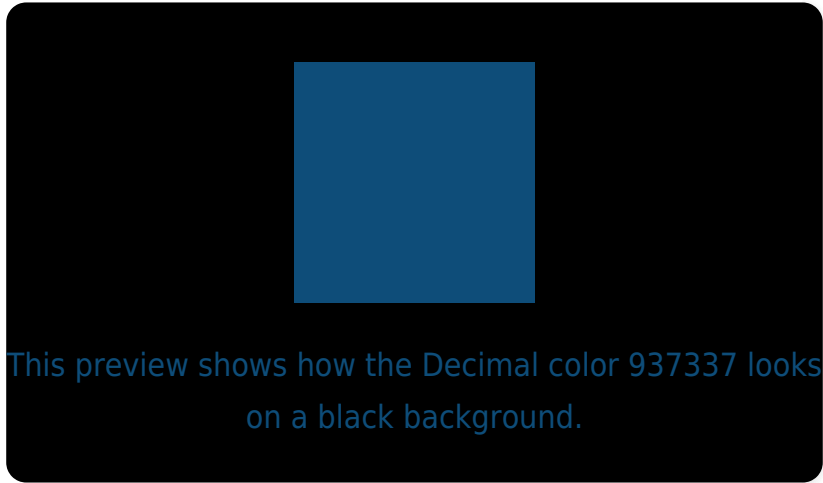
Large Text (above 18pt) WCAG AA ✓ Pass

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 937337 Background



This preview shows how black text looks on a background with the Decimal color 937337.



This preview shows how white text looks on a background with the Decimal color 937337.

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



Trichromacy



Original Color
937337

Protanomaly
2706038

Deuteranomaly
2116474

Tritanomaly
348260

Monochromacy



Original Color
937337

Achromatopsia
4144959

Achromatomaly
2966612

CSS Examples

Text

The CSS property to change the color of the text to Decimal 937337 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 #0E4D79 looks like.

```
.text, #text, p{  
    color:#0E4D79  
}
```

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 #0E4D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4D79
}
```

Border

The CSS property to change the border of an element to Decimal 937337 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
#0E4D79 }
```

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

```
.border{ border-color:#0E4D79 }
```

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

Here you see how a box with a 4 pixel #0E4D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4D79; -webkit-box-shadow:4px 4px  
4px 4px #0E4D79; box-shadow:4px 4px 4px  
4px #0E4D79 }
```

Background

The CSS property to change the background color of an element to Decimal 937337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4D79 }
```

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

```
.background{ background-color:#0E4D79 }
```

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