

Converting Colors

Decimal(336737)

Have a look what the booklet for
Decimal(336737) contains.

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Color

Decimal(336737)

Conversions

Conversions Part 1

Format	Color
Hex	052361
RGB	5, 35, 97
RGB Percent	2%, 14%, 38%
CMY	0.9804, 0.8627, 0.6196
CMYK	0.95, 0.64, 0.00, 0.62
HSL	220°, 90%, 20%
HSV	220°, 95%, 38%
XYZ	2.8213, 2.0974, 11.5654
YIQ	33.0980, -37.7820, 12.9220

Conversions

Conversions Part 2

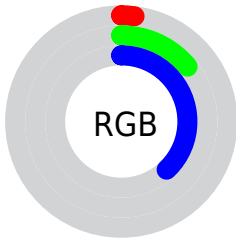
Format	Color
R_{YB}	5, 28, 97
Decimal	336737
CIE _{Lab}	15.99, 16.92, -39.56
CIE _{LCh}	16, 43.030, 293.160
Yxy	2.0974, 0.1712, 0.1272
Android (android.graphics.Color)	4278526817 (0xFF052361)
YUV	33.0980, 31.5037, -24.6419
Hunter-Lab	14.4824, 9.4291, -37.2104

Details

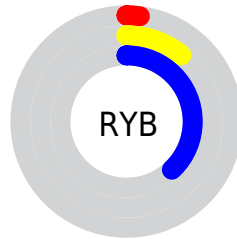
The Decimal color **336737** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6374149**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **4542356**, and **1074** is the 20% darker color. If you saturate the color by 10%, you get **8289**, and if you desaturate by 10%, it is **993889**.

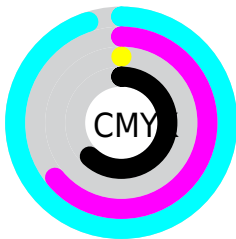
Distribution



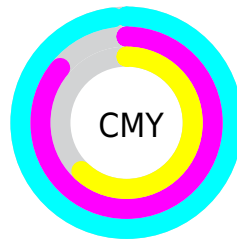
- Red (2%)
- Green (14%)
- Blue (38%)



- Red (2%)
- Yellow (11%)
- Blue (38%)



- Cyan (95%)
- Magenta (64%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (86%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 336737 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 336737 by changing the saturation by 10% instead.

■ 336737 ■ 336737

16777215 ■ 3913

■ 4542356 ■ 1074

■ 6317999 ■ 284

■ 8093899 ■ 0

■ 9870055

■ 11711743

■ 13619455

■ 15527167

■ 336737 ■ 336737

■ 8289

■ 993889

■ 1585249

■ 2242401

■ 2899297

■ 3556449

■ 4147809

■ 4804961

■ 5461857

■ 6053473

Harmonies

Analogous

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



11878



336737



4460365

Triad

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



336737



5116928



13344

Complementary

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



336737



6374149

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.



12544



336737



3679232

Square

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



336737



5898258



1846528



13375

Rectangle

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



336737



5505082



1846528



13077

Sweetspot

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



336737



5924221



352578



2765120



12566463



4210752

Same Dimension

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



336737



10621



1312097



2895152



9584



20208

Inverse Universe

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



6358307



8192041



5398789



3157037



7340069



15728718

Previews

White Background



This preview shows how the Decimal color 336737 looks on a white background.

Color Contrast Check

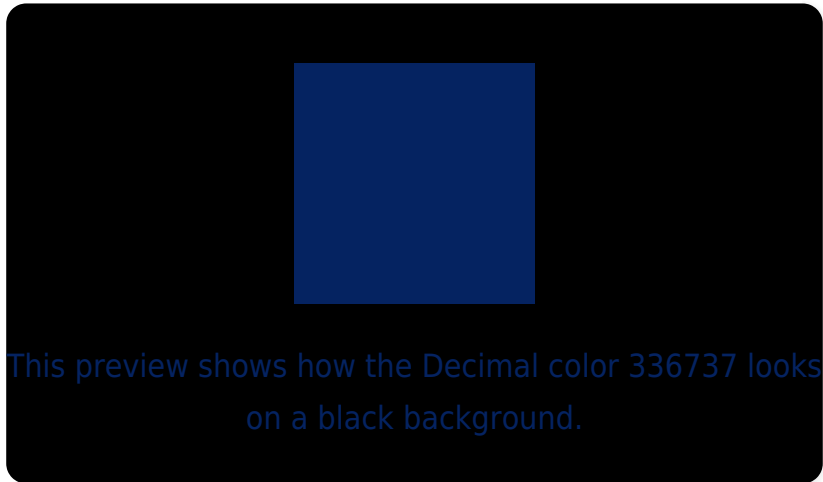
Large Text (above 18pt) WCAG AA ✓ Pass

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

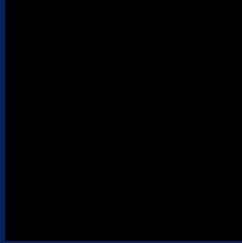
Any Text WCAG AA × Fail

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 336737 Background



This preview shows how black text looks on a background with the Decimal color 336737.



This preview shows how white text looks on a background with the Decimal color 336737.

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

336737

Protanopia

10067

Deuteranopia

10823

Trichromacy



Original Color

336737

Protanomaly

140888

Deuteranomaly

141136

Tritanomaly

141634

Monochromacy



Original Color

336737

Achromatopsia

2171169

Achromatomaly

1516088

CSS Examples

Text

The CSS property to change the color of the text to Decimal 336737 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 #052361 looks like.

```
.text, #text, p{  
    color:#052361  
}
```

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 #052361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052361
}
```

Border

The CSS property to change the border of an element to Decimal 336737 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
#052361 }
```

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

```
.border{ border-color:#052361 }
```

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

Here you see how a box with a 4 pixel #052361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052361; -webkit-box-shadow:4px 4px  
4px 4px #052361; box-shadow:4px 4px 4px  
4px #052361 }
```

Background

The CSS property to change the background color of an element to Decimal 336737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052361 }
```

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

```
.background{ background-color:#052361 }
```

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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