

Converting Colors

Decimal(2397)

Have a look what the booklet for
Decimal(2397) contains.

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Color

Decimal(2397)

Conversions

Conversions Part 1

Format	Color
Hex	00095D
RGB	0, 9, 93
RGB Percent	0%, 4%, 36%
CMY	1.0000, 0.9647, 0.6353
CMYK	1.00, 0.90, 0.00, 0.64
HSL	234°, 100%, 18%
HSV	234°, 100%, 36%
XYZ	2.0735, 0.9857, 10.4369
YIQ	15.8850, -32.3280, 24.2160

Conversions

Conversions Part 2

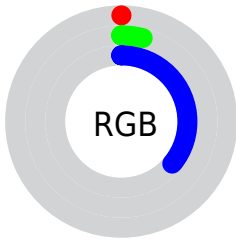
Format	Color
RYB	0, 8, 93
Decimal	2397
CIELab	8.87, 32.50, -48.65
CIELCh	9, 58.508, 303.748
Yxy	0.9857, 0.1536, 0.0730
Android (android.graphics.Color)	4278192477 (0xFF00095D)
YUV	15.8850, 38.0177, -13.9311
Hunter-Lab	9.9282, 19.9049, -55.3783

Details

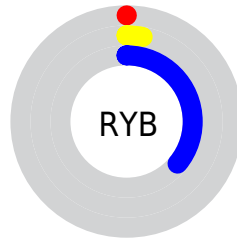
The Decimal color **2397** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6116352**, and the grayscale version is **1052688**.

A 20% lighter version of the original color is **4535440**, and **813** is the 20% darker color. If you saturate the color by 10%, you get **2397**, and if you desaturate by 10%, it is **594269**.

Distribution



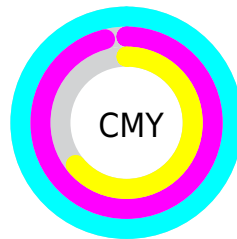
- Red (0%)
- Green (4%)
- Blue (36%)



- Red (0%)
- Yellow (3%)
- Blue (36%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2397 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 2397 by changing the saturation by 10% instead.

■ 2397 ■ 2397

■ 16771839 ■ 69

■ 4535440 ■ 813

■ 6311083 ■ 280

■ 8152263 ■ 0

■ 9928163

■ 11769855

■ 13677311

■ 15585023

■ 2397

■ 594269

■ 1251933

■ 1843805

■ 2435933

■ 3093341

■ 3685213

■ 4277341

■ 4869213

■ 5526877

Harmonies

Analogous

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



8299



2397



4653117

Triad

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



2397



3802112



9758

Complementary

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



2397



6116352

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.



9472



2397



1907200

Square

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



2397



5177344



8960



10309

Rectangle

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



2397



5505059



8960



9487

Sweetspot

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



2397



5527416



23892



2566461



12434877



4013373

Same Dimension

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



2397



3192



2424925



2697774



2926



6125

Inverse Universe

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



6094857



7864332



3693824



3025194



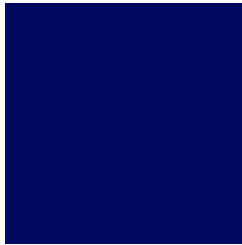
7208971



15532055

Previews

White Background



This preview shows how the Decimal color 2397 looks on a white background.

Color Contrast Check

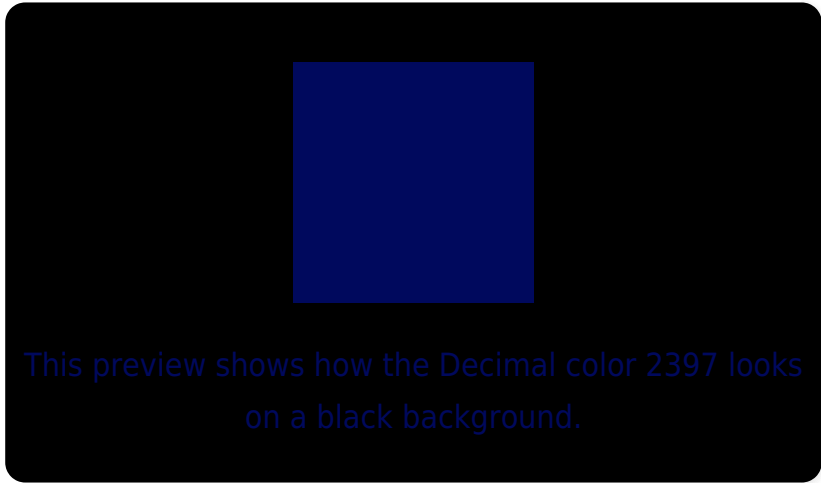
Large Text (above 18pt) WCAG AA ✓ Pass

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

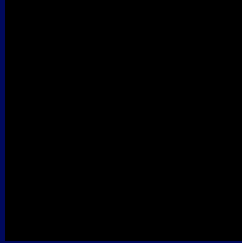
Any Text WCAG AA × Fail

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 2397 Background



This preview shows how black text looks on a background with the Decimal color 2397.



This preview shows how white text looks on a background with the Decimal color 2397.

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
2397

Protanopia
7226

Deuteranopia
7729

Trichromacy



Original Color
2397

Protanomaly
5447

Deuteranomaly
5697

Tritanomaly
6199

Monochromacy



Original Color
2397

Achromatopsia
1052688

Achromatomaly
658732

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2397 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 #00095D looks like.

```
.text, #text, p{  
    color:#00095D  
}
```

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 #00095D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00095D
}
```

Border

The CSS property to change the border of an element to Decimal 2397 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
#00095D }
```

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

```
.border{ border-color:#00095D }
```

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

Here you see how a box with a 4 pixel #00095D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00095D; -webkit-box-shadow:4px 4px  
4px 4px #00095D; box-shadow:4px 4px 4px  
4px #00095D }
```

Background

The CSS property to change the background color of an element to Decimal 2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00095D }
```

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

```
.background{ background-color:#00095D }
```

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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