

Converting Colors

Decimal(196687)

Have a look what the booklet for
Decimal(196687) contains.

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Color

Decimal(196687)

Conversions

Conversions Part 1

Format	Color
Hex	03004F
RGB	3, 0, 79
RGB Percent	1%, 0%, 31%
CMY	0.9882, 1.0000, 0.6902
CMYK	0.96, 1.00, 0.00, 0.69
HSL	242°, 100%, 15%
HSV	242°, 100%, 31%
XYZ	1.4488, 0.5839, 7.4335
YIQ	9.9030, -23.5710, 25.2050

Conversions

Conversions Part 2

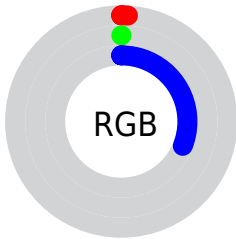
Format	Color
R _Y B	3, 0, 79
Decimal	196687
CIE Lab	5.27, 32.28, -45.06
CIE LCh	5, 55.428, 305.612
Yxy	0.5839, 0.1531, 0.0617
Android (android.graphics.Color)	4278386767 (0xFF03004F)
YUV	9.9030, 34.0648, -6.0539
Hunter-Lab	7.6412, 20.4733, -52.3297

Details

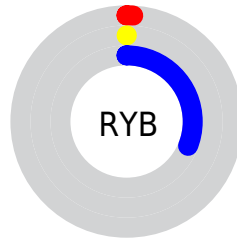
The Decimal color **196687** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5000960**, and the grayscale version is **657930**.

A 20% lighter version of the original color is **4271233**, and **545** is the 20% darker color. If you saturate the color by 10%, you get **196687**, and if you desaturate by 10%, it is **723023**.

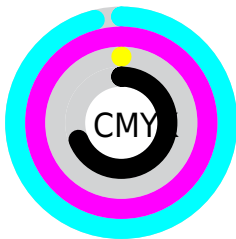
Distribution



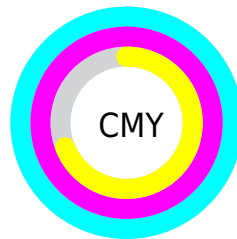
- Red (1%)
- Green (0%)
- Blue (31%)



- Red (1%)
- Yellow (0%)
- Blue (31%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (69%)



- Cyan (99%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 196687 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 196687 by changing the saturation by 10% instead.

 196687

 196687

 16769279

 55

 4271233

 545

 6046620

 6


 7756727

 0

 9598163

 11374319

 13281535

 15189247

 196687

■ 723023

■ 1183823

■ 1710159

■ 2170959

■ 2697295

■ 3223375

■ 3684175

■ 4210511

■ 4671311

Harmonies

Analogous

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



5981



196687



4063281

Triad

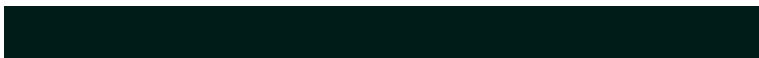
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196687



3080192



7193

Complementary

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



196687



5000960

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.



6912



196687



988160

Square

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



196687



4325376



6912



7741

Rectangle

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



196687



4718617



6912



6920

Sweetspot

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



196687



4802406



19535



2171187



11776947



3355443

Same Dimension

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



196687



262246



2752591



2302502



590054

Inverse Universe

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



5177420



6684770



2445056



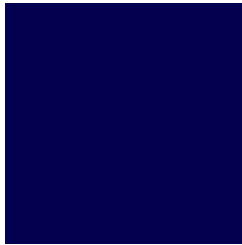
2499110



15073501

Previews

White Background



This preview shows how the Decimal color 196687 looks on a white background.

Color Contrast Check

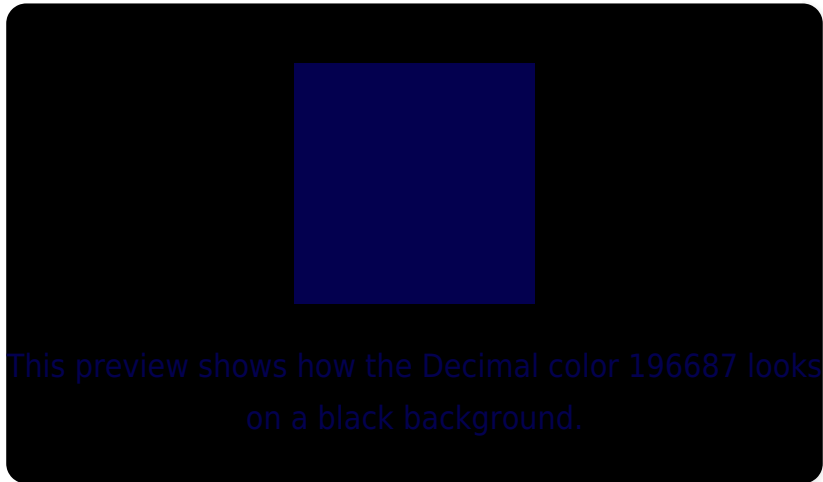
Large Text (above 18pt) WCAG AA ✓ Pass

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

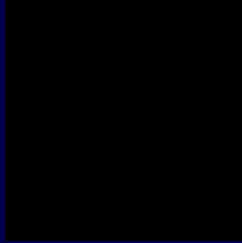
Any Text WCAG AA × Fail

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 196687 Background



This preview shows how black text looks on a background with the Decimal color 196687.



This preview shows how white text looks on a background with the Decimal color 196687.

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
196687

Protanopia
5936

Deuteranopia
6441



Tritanopia
6940

Trichromacy



Original Color
196687

Protanomaly
69435

Deuteranomaly
69687

Tritanomaly
69935

Monochromacy



Original Color
196687

Achromatopsia
657930

Achromatomaly
460323

CSS Examples

Text

The CSS property to change the color of the text to Decimal 196687 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 #03004F looks like.

```
.text, #text, p{  
    color:#03004F  
}
```

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 #03004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03004F
}
```

Border

The CSS property to change the border of an element to Decimal 196687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

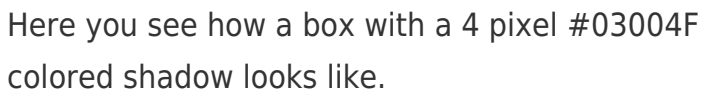
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03004F }
```

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

```
.border{ border-color:#03004F }
```

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



Here you see how a box with a 4 pixel #03004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03004F; -webkit-box-shadow:4px 4px  
4px 4px #03004F; box-shadow:4px 4px 4px  
4px #03004F }
```

Background

The CSS property to change the background color of an element to Decimal 196687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03004F }
```

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

```
.background{ background-color:#03004F }
```

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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