

Converting Colors

Decimal(270337)

Have a look what the booklet for
Decimal(270337) contains.

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Color

Decimal(270337)

Conversions

Conversions Part 1

Format	Color
Hex	042001
RGB	4, 32, 1
RGB Percent	2%, 13%, 0%
CMY	0.9843, 0.8745, 0.9961
CMYK	0.88, 0.00, 0.97, 0.87
HSL	114°, 94%, 6%
HSV	114°, 97%, 13%
XYZ	0.5721, 1.0610, 0.2034
YIQ	20.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

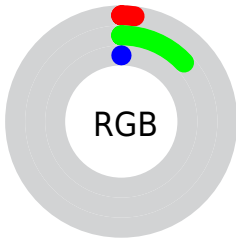
Format	Color
R_YB	1, 32, 29
Decimal	270337
CIE Lab	9.49, -17.47, 13.45
CIE LCh	9, 22.050, 142.402
Yxy	1.0610, 0.3115, 0.5778
Android (android.graphics.Color)	4278460417 (0xFF042001)
YUV	20.0940, -9.4133, -14.1144
Hunter-Lab	10.3006, -8.1128, 6.0399

Details

The Decimal color **270337** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1900832**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **3165232**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **204800**, and if you desaturate by 10%, it is **466948**.

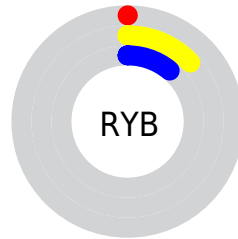
Distribution



Red (2%)

Green (13%)

Blue (0%)



Red (0%)

Yellow (13%)

Blue (11%)

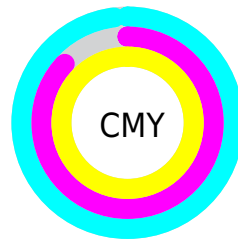


Cyan (88%)

Magenta (0%)

Yellow (97%)

Black (87%)



Cyan (98%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 270337 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 270337 by changing the saturation by 10% instead.

■ 270337

■ 270337

■ 15007715

■ 0

■ 3165232

■ 4678727

■ 6258014

■ 7903095

■ 9613969

■ 11390635

■ 13167303

■ 270337

■ 270337

■ 204800

■ 466948

■ 663559

■ 860171

■ 1056782

■ 1187857

■ 1384468

■ 1581079

■ 1777691

■ 1974302

Harmonies

Analogous

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



1580288



270337



8726

Triad

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



270337



7480



3476751

Complementary

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



270337



1900832

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.



3345439



270337



1251382

Square

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



270337



8242



2691373



3150336

Rectangle

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



270337



8736



2691373



3476501

Sweetspot

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



270337



1976605



2104577



922637



9737364



1315860

Same Dimension

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



270337



272640



73741



921358



544512



1363712

Inverse Universe

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



1900832



2424873



2097428



986639



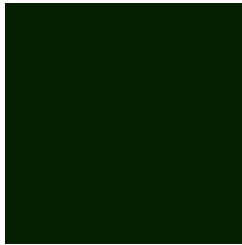
4653135



12255439

Previews

White Background



This preview shows how the Decimal color 270337 looks on a white background.

Color Contrast Check

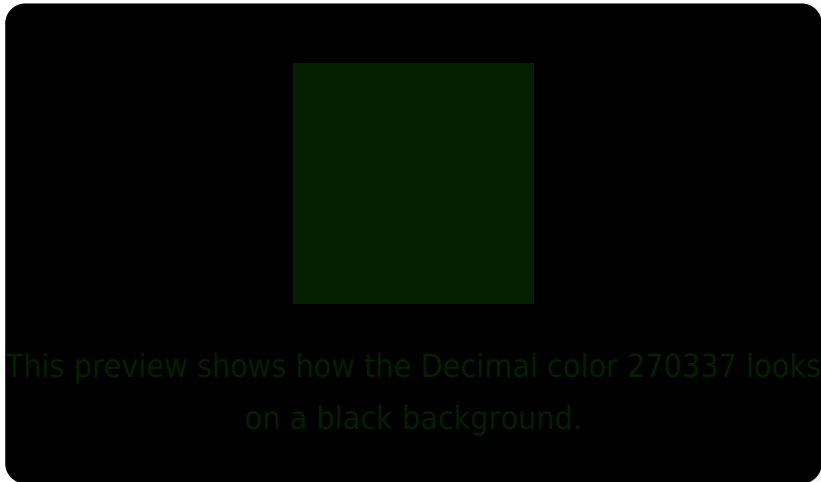
Large Text (above 18pt) WCAG AA ✓ Pass

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

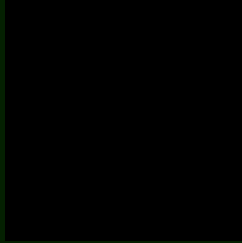
Any Text WCAG AA × Fail

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 270337 Background



This preview shows how black text looks on a background with the Decimal color 270337.



This preview shows how white text looks on a background with the Decimal color 270337.

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
270337

Protanopia
2038528

Deuteranopia
2234887



Tritanopia
925216

Trichromacy



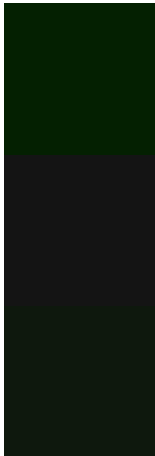
Original Color
270337

Protanomaly
1383680

Deuteranomaly
1514501

Tritanomaly
663317

Monochromacy



Original Color
270337

Achromatopsia
1315860

Achromatomaly
923661

CSS Examples

Text

The CSS property to change the color of the text to Decimal 270337 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 #042001 looks like.

```
.text, #text, p{  
    color:#042001  
}
```

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 #042001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042001
}
```

Border

The CSS property to change the border of an element to Decimal 270337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

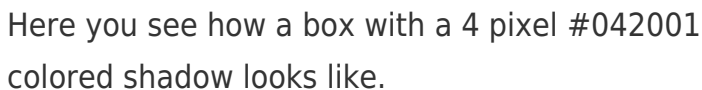
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#042001 }
```

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

```
.border{ border-color:#042001 }
```

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



Here you see how a box with a 4 pixel #042001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042001; -webkit-box-shadow:4px 4px  
4px 4px #042001; box-shadow:4px 4px 4px  
4px #042001 }
```

Background

The CSS property to change the background color of an element to Decimal 270337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042001 }
```

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

```
.background{ background-color:#042001 }
```

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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