

Converting Colors

Decimal(337953)

Have a look what the booklet for
Decimal(337953) contains.

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Color

Decimal(337953)

Conversions

Conversions Part 1

Format	Color
Hex	052821
RGB	5, 40, 33
RGB Percent	2%, 16%, 13%
CMY	0.9804, 0.8431, 0.8706
CMYK	0.87, 0.00, 0.18, 0.84
HSL	168°, 78%, 9%
HSV	168°, 88%, 16%
XYZ	1.0959, 1.6597, 1.7014
YIQ	28.7370, -18.6130, -9.5970

Conversions

Conversions Part 2

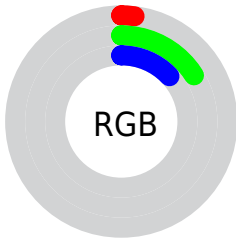
Format	Color
R_{YB}	5, 24, 40
Decimal	337953
CIE _{Lab}	13.59, -14.58, 1.01
CIE _{LCh}	14, 14.617, 176.021
Yxy	1.6597, 0.2459, 0.3724
Android (android.graphics.Color)	4278528033 (0xFF052821)
YUV	28.7370, 2.1017, -20.8173
Hunter-Lab	12.8828, -7.3604, 1.1875

Details

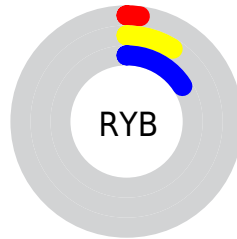
The Decimal color **337953** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2622732**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **3364173**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **75808**, and if you desaturate by 10%, it is **600098**.

Distribution



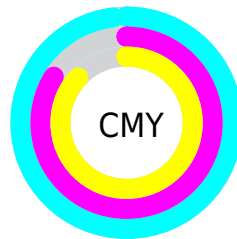
- Red (2%)
- Green (16%)
- Blue (13%)



- Red (2%)
- Yellow (9%)
- Blue (16%)



- Cyan (87%)
- Magenta (0%)
- Yellow (18%)
- Black (84%)



- Cyan (98%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 337953 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 337953 by changing the saturation by 10% instead.



337953



337953



15400959



5386



3364173



0



4943461



6588286



8233624



9944498



11720910



13563370



337953



337953

■ 75808

■ 600098

■ 10272

■ 862243

■ 1124387

■ 1386532

■ 1648677

■ 1910822

■ 2172967

■ 2435111

■ 2697256

Harmonies

Analogous

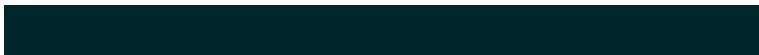
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1320727



337953



10283

Triad

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



337953



2236725



3284498

Complementary

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



337953



2622732

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.



3545882



337953



3022126

Square

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



337953



1057847



3480357



2826765

Rectangle

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



337953



10033



3480357



3415317

Sweetspot

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



337953



2503472



796677



1186328



10066329



1710618

Same Dimension

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



337953



13097



335144



1184788



21571



54441

Inverse Universe

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



2622732



3342346



2625285



1315347



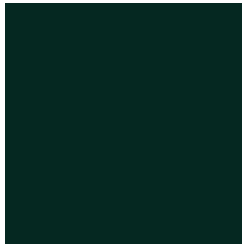
5505041



13893674

Previews

White Background



This preview shows how the Decimal color 337953 looks on a white background.

Color Contrast Check

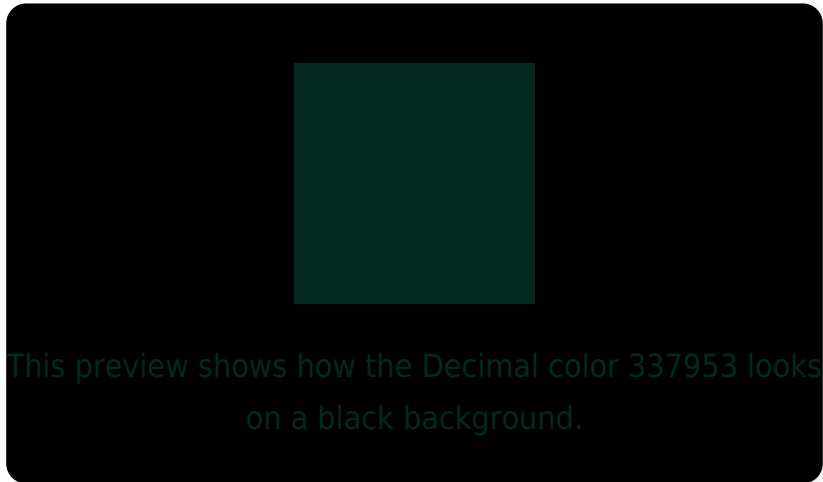
Large Text (above 18pt) WCAG AA ✓ Pass

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

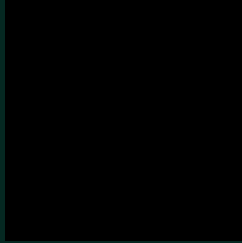
Any Text WCAG AA × Fail

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 337953 Background



This preview shows how black text looks on a background with the Decimal color 337953.



This preview shows how white text looks on a background with the Decimal color 337953.

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
337953

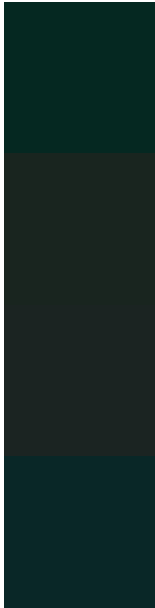
Protanopia
2433822

Deuteranopia
2564642



Tritanopia
796458

Trichromacy



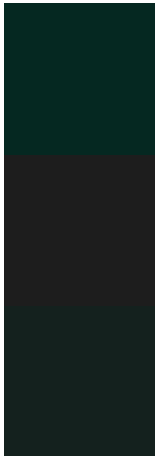
Original Color
337953

Protanomaly
1647903

Deuteranomaly
1778722

Tritanomaly
599847

Monochromacy



Original Color
337953

Achromatopsia
1907997

Achromatomaly
1319198

CSS Examples

Text

The CSS property to change the color of the text to Decimal 337953 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 #052821 looks like.

```
.text, #text, p{  
    color:#052821  
}
```

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 #052821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052821
}
```

Border

The CSS property to change the border of an element to Decimal 337953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

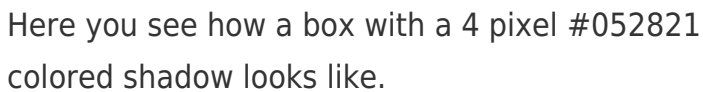
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#052821 }
```

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

```
.border{ border-color:#052821 }
```

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



Here you see how a box with a 4 pixel #052821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052821; -webkit-box-shadow:4px 4px  
4px 4px #052821; box-shadow:4px 4px 4px  
4px #052821 }
```

Background

The CSS property to change the background color of an element to Decimal 337953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052821 }
```

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

```
.background{ background-color:#052821 }
```

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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