

Converting Colors

Decimal(1338)

Have a look what the booklet for
Decimal(1338) contains.

Decimal(1338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1338)

Conversions

Conversions Part 1

Format	Color
Hex	00053A
RGB	0, 5, 58
RGB Percent	0%, 2%, 23%
CMY	1.0000, 0.9804, 0.7725
CMYK	1.00, 0.91, 0.00, 0.77
HSL	235°, 100%, 11%
HSV	235°, 100%, 23%
XYZ	0.8180, 0.4140, 4.0398
YIQ	9.5470, -19.9930, 15.4230

Conversions

Conversions Part 2

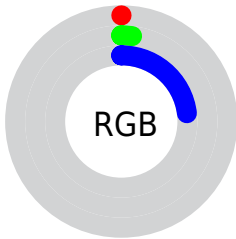
Format	Color
RYB	0, 5, 58
Decimal	1338
CIELab	3.74, 17.39, -32.67
CIELCh	4, 37.010, 298.022
Yxy	0.4140, 0.1552, 0.0785
Android (android.graphics.Color)	4278191418 (0xFF00053A)
YUV	9.5470, 23.8873, -8.3727
Hunter-Lab	6.4345, 11.4315, -32.7200

Details

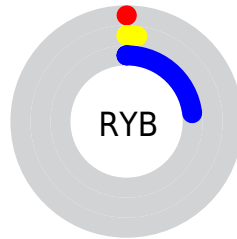
The Decimal color **1338** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3814656**, and the grayscale version is **592137**.

A 20% lighter version of the original color is **3355242**, and **11** is the 20% darker color. If you saturate the color by 10%, you get **1338**, and if you desaturate by 10%, it is **395834**.

Distribution



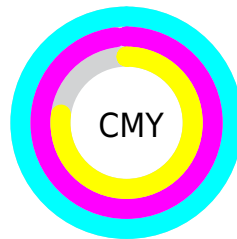
- Red (0%)
- Green (2%)
- Blue (23%)



- Red (0%)
- Yellow (2%)
- Blue (23%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (98%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1338 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 1338 by changing the saturation by 10% instead.

■ 1338 ■ 1338

■ 15721983 ■ 548

■ 3355242 ■ 11

■ 4999299 ■ 0

■ 6709406

■ 8419769

■ 10195925

■ 11972081

■ 13814271

■ 1338

■ 395834

■ 790586

■ 1119546

■ 1514042

■ 1908794

■ 2303290

■ 2697786

■ 3026746

■ 3421498

Harmonies

Analogous

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



4928



1338



2687017

Triad

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



1338



2686976



5642

Complementary

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



1338



3814656

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.



5632



1338



1379328

Square

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



1338



3407872



5632



5925

Rectangle

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



1338



3342362



5632

Sweetspot

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



1338



3553357



14900



1579558



10921638



2500134

Same Dimension

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



1338



1869



1507386



1644828



2140



5083

Inverse Universe

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



3801093



5046279



2308608



1841433



6029320



14352403

Previews

White Background



This preview shows how the Decimal color 1338 looks on a white background.

Color Contrast Check

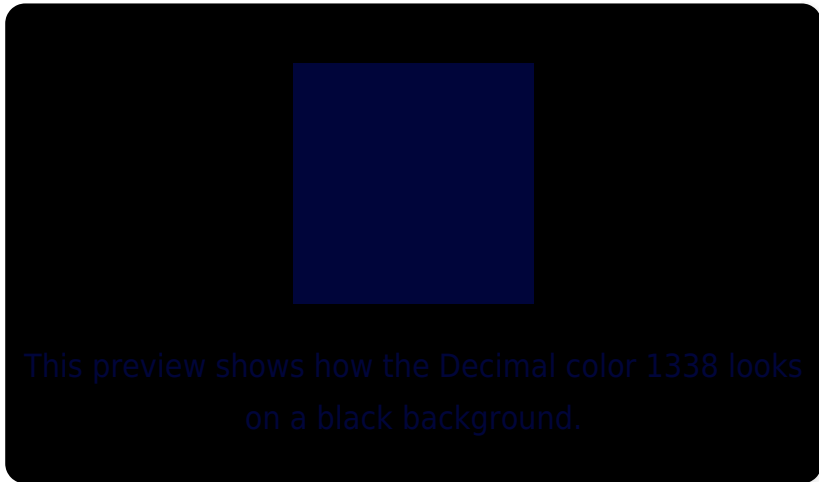
Large Text (above 18pt) WCAG AA ✓ Pass

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

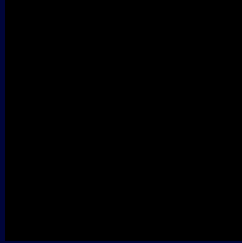
Any Text WCAG AA × Fail

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 1338 Background



This preview shows how black text looks on a background with the Decimal color 1338.



This preview shows how white text looks on a background with the Decimal color 1338.

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
1338

Protanopia
4388

Deuteranopia
4639



Tritanopia
5141

Trichromacy



Original Color
1338

Protanomaly
3372

Deuteranomaly
3369

Tritanomaly
3874

Monochromacy



Original Color
1338

Achromatopsia
657930

Achromatomaly
395291

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1338 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 #00053A looks like.

```
.text, #text, p{  
    color:#00053A  
}
```

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 #00053A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00053A
}
```

Border

The CSS property to change the border of an element to Decimal 1338 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
#00053A }
```

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

```
.border{ border-color:#00053A }
```

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

Here you see how a box with a 4 pixel #00053A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00053A; -webkit-box-shadow:4px 4px  
4px 4px #00053A; box-shadow:4px 4px 4px  
4px #00053A }
```

Background

The CSS property to change the background color of an element to Decimal 1338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00053A }
```

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

```
.background{ background-color:#00053A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor