

Converting Colors

Decimal(2340)

Have a look what the booklet for
Decimal(2340) contains.

Decimal(2340)	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(2340)

Conversions

Conversions Part 1

Format	Color
Hex	000924
RGB	0, 9, 36
RGB Percent	0%, 4%, 14%
CMY	1.0000, 0.9647, 0.8588
CMYK	1.00, 0.75, 0.00, 0.86
HSL	225°, 100%, 7%
HSV	225°, 100%, 14%
XYZ	0.4161, 0.3227, 1.7094
YIQ	9.3870, -14.0310, 6.4890

Conversions

Conversions Part 2

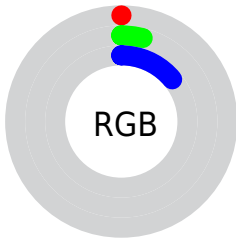
Format	Color
RYB	0, 7, 36
Decimal	2340
CIELab	2.92, 4.48, -17.47
CIELCh	3, 18.032, 284.385
Yxy	0.3227, 0.1700, 0.1318
Android (android.graphics.Color)	4278192420 (0xFF000924)
YUV	9.3870, 13.1202, -8.2324
Hunter-Lab	5.6811, 3.1327, -13.8635

Details

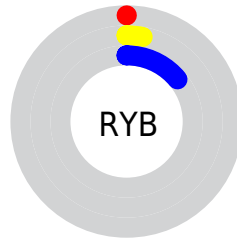
The Decimal color **2340** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2366208**, and the grayscale version is **592137**.

A 20% lighter version of the original color is **3028561**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2340**, and if you desaturate by 10%, it is **265252**.

Distribution



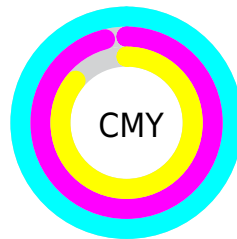
- Red (0%)
- Green (4%)
- Blue (14%)



- Red (0%)
- Yellow (3%)
- Blue (14%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (86%)



- Cyan (100%)
- Magenta (96%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2340 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 2340 by changing the saturation by 10% instead.



2340



2340



14871039



269



3028561



0



4541545



6120578



7765404



9476023



11252435



13028847



2340

■ 265252

■ 462372

■ 725284

■ 922660

■ 1185316

■ 1448228

■ 1645604

■ 1908516

■ 2105636

Harmonies

Analogous

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



3876



2340



1507870

Triad

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



2340



2162688



4608

Complementary

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



2340



2366208

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.



4608



2340



1508864

Square

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



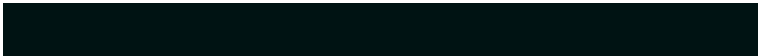
2340



2424833



331008



4883

Rectangle

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



2340



2031640



331008



4608

Sweetspot

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



2340



2106414



9243



987415



9868950



1513239

Same Dimension

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



2340



2862



589860



1052946



5202



13521

Inverse Universe

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



2359305



3014667



1778688



1183761



5373972



13697076

Previews

White Background



This preview shows how the Decimal color 2340 looks on a white background.

Color Contrast Check

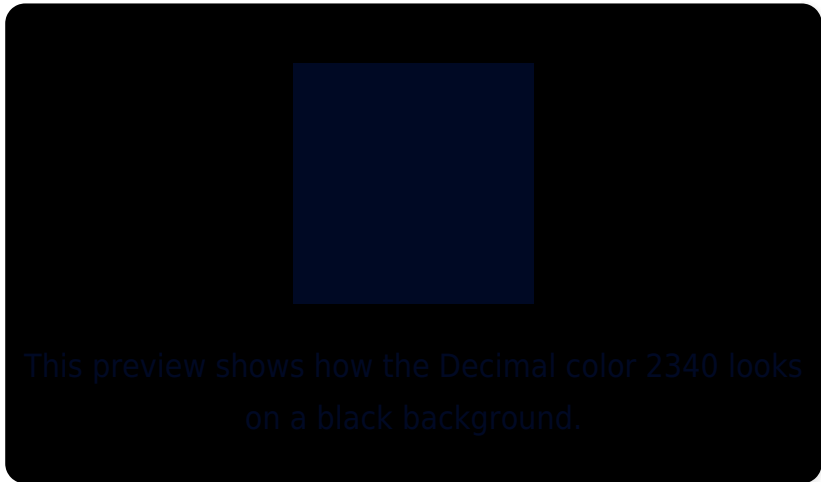
Large Text (above 18pt) WCAG AA ✓ Pass

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

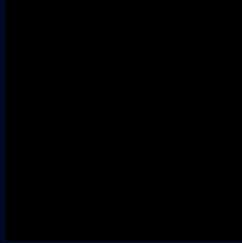
Any Text WCAG AA × Fail

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 2340 Background



This preview shows how black text looks on a background with the Decimal color 2340.



This preview shows how white text looks on a background with the Decimal color 2340.

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
2340

Protanopia
3354

Deuteranopia
3350

Trichromacy



Original Color

2340

Protanomaly

3102

Deuteranomaly

3099

Tritanomaly

3095

Monochromacy



Original Color

2340

Achromatopsia

592137

Achromatomaly

395539

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2340 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 #000924 looks like.

```
.text, #text, p{  
    color:#000924  
}
```

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 #000924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000924
}
```

Border

The CSS property to change the border of an element to Decimal 2340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

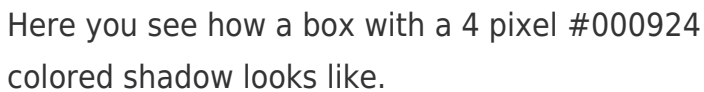
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000924 }
```

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

```
.border{ border-color:#000924 }
```

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



Here you see how a box with a 4 pixel #000924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000924; -webkit-box-shadow:4px 4px  
4px 4px #000924; box-shadow:4px 4px 4px  
4px #000924 }
```

Background

The CSS property to change the background color of an element to Decimal 2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000924 }
```

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

```
.background{ background-color:#000924 }
```

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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