

Converting Colors

Decimal(10334)

Have a look what the booklet for
Decimal(10334) contains.

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Color

Decimal(10334)

Conversions

Conversions Part 1

Format	Color
Hex	00285E
RGB	0, 40, 94
RGB Percent	0%, 16%, 37%
CMY	1.0000, 0.8431, 0.6314
CMYK	1.00, 0.57, 0.00, 0.63
HSL	214°, 100%, 18%
HSV	214°, 100%, 37%
XYZ	2.7792, 2.3257, 10.8921
YIQ	34.1960, -41.1740, 8.3140

Conversions

Conversions Part 2

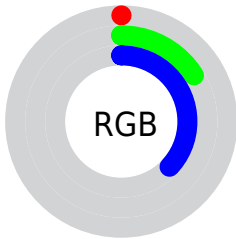
Format	Color
RYB	0, 28, 94
Decimal	10334
CIELab	17.11, 11.32, -35.75
CIELCh	17, 37.502, 287.563
Yxy	2.3257, 0.1737, 0.1454
Android (android.graphics.Color)	4278200414 (0xFF00285E)
YUV	34.1960, 29.4834, -29.9899
Hunter-Lab	15.2504, 5.8411, -31.6708

Details

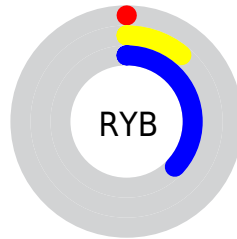
The Decimal color **10334** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6174208**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **4347025**, and **1071** is the 20% darker color. If you saturate the color by 10%, you get **10334**, and if you desaturate by 10%, it is **601438**.

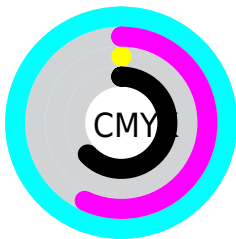
Distribution



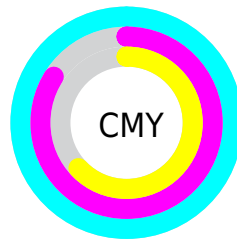
- Red (0%)
- Green (16%)
- Blue (37%)



- Red (0%)
- Yellow (11%)
- Blue (37%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (63%)

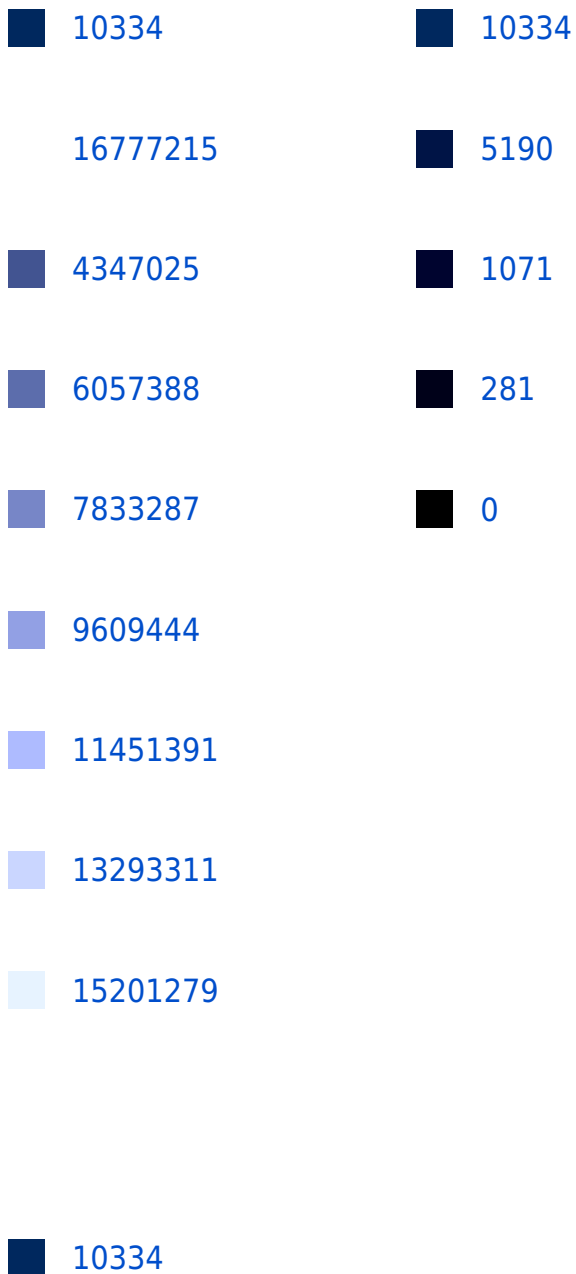


- Cyan (100%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10334 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 10334 by changing the saturation by 10% instead.



■ 601438

■ 1258334

■ 1849438

■ 2506334

■ 3097438

■ 3688542

■ 4345438

■ 4936542

■ 5593438

Harmonies

Analogous

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



12639



10334



4069967

Triad

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



10334



5248768



13598

Complementary

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



10334



6174208

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.



78592



10334



4072704

Square

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



10334



5769244



2567680



13882

Rectangle

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



10334



5115455



2567680



13332

Sweetspot

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



10334



5662074



24117



2568509



12434877



4013373

Same Dimension

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



10334



13434



393310



2698030



12142



26093

Inverse Universe

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



6160424



7995444



5791232



3025195



7209007



15532133

Previews

White Background



This preview shows how the Decimal color 10334 looks on a white background.

Color Contrast Check

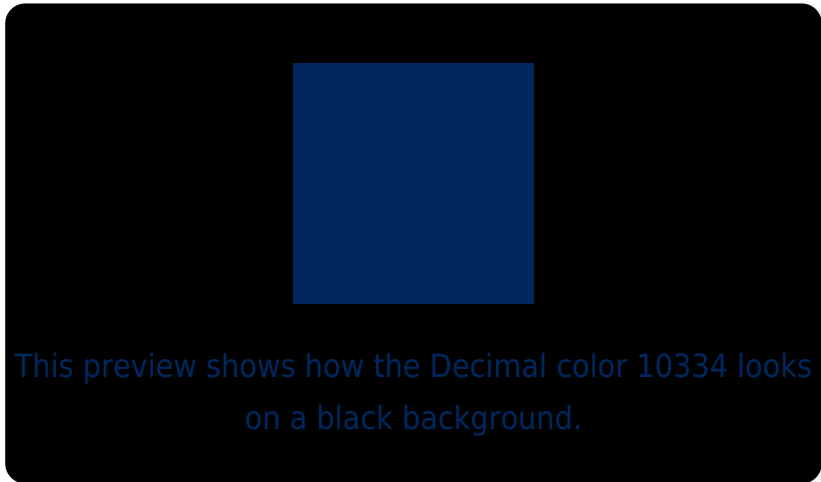
Large Text (above 18pt) WCAG AA ✓ Pass

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

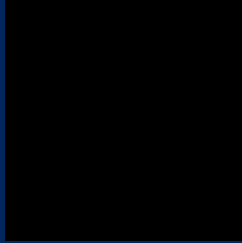
Any Text WCAG AA × Fail

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 10334 Background



This preview shows how black text looks on a background with the Decimal color 10334.



This preview shows how white text looks on a background with the Decimal color 10334.

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
10334

Protanopia
10840

Deuteranopia
11340



Tritanopia
12339

Trichromacy



Original Color
10334

Protanomaly
10586

Deuteranomaly
11091

Tritanomaly
11587

Monochromacy



Original Color
10334

Achromatopsia
2236962

Achromatomaly
1451064

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10334 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 #00285E looks like.

```
.text, #text, p{  
    color:#00285E  
}
```

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 #00285E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00285E
}
```

Border

The CSS property to change the border of an element to Decimal 10334 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
#00285E }
```

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

```
.border{ border-color:#00285E }
```

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

Here you see how a box with a 4 pixel #00285E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00285E; -webkit-box-shadow:4px 4px  
4px 4px #00285E; box-shadow:4px 4px 4px  
4px #00285E }
```

Background

The CSS property to change the background color of an element to Decimal 10334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00285E }
```

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

```
.background{ background-color:#00285E }
```

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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