

Converting Colors

Decimal(10832)

Have a look what the booklet for
Decimal(10832) contains.

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Color

Decimal(10832)

Conversions

Conversions Part 1

Format	Color
Hex	002A50
RGB	0, 42, 80
RGB Percent	0%, 16%, 31%
CMY	1.0000, 0.8353, 0.6863
CMYK	1.00, 0.48, 0.00, 0.69
HSL	208°, 100%, 16%
HSV	208°, 100%, 31%
XYZ	2.2759, 2.2351, 7.9009
YIQ	33.7740, -37.2300, 2.9140

Conversions

Conversions Part 2

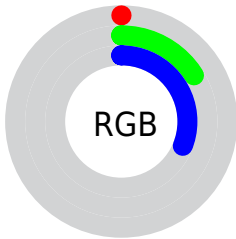
Format	Color
RYB	0, 28, 80
Decimal	10832
CIELab	16.68, 3.27, -27.08
CIELCh	17, 27.279, 276.889
Yxy	2.2351, 0.1834, 0.1801
Android (android.graphics.Color)	4278200912 (0xFF002A50)
YUV	33.7740, 22.7894, -29.6198
Hunter-Lab	14.9503, 1.0106, -20.8682

Details

The Decimal color **10832** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5252608**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **3954562**, and **547** is the 20% darker color. If you saturate the color by 10%, you get **10832**, and if you desaturate by 10%, it is **536144**.

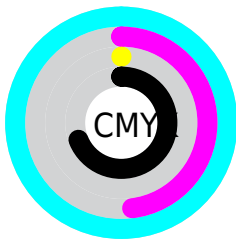
Distribution



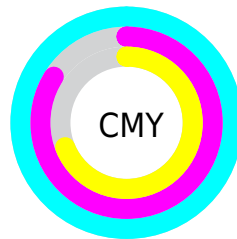
- Red (0%)
- Green (16%)
- Blue (31%)



- Red (0%)
- Yellow (11%)
- Blue (31%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10832 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 10832 by changing the saturation by 10% instead.

■ 10832 ■ 10832

■ 16580607 ■ 5689

■ 3954562 ■ 547

■ 5664668 ■ 10

■ 7375031 ■ 0

■ 9151443

■ 10927855

■ 12769791

■ 14677759

■ 10832

■ 536144

■ 1061456

■ 1586512

■ 2111824

■ 2637136

■ 3162448

■ 3687760

■ 4212816

■ 4738128

Harmonies

Analogous

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



12109



10832



3154505

Triad

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



10832



4790803



12569

Complementary

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



10832



5252608

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.



1781509



10832



4137472

Square

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



10832



4986406



3156480



12845

Rectangle

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



10832



4135999



3156480



274707

Sweetspot

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



10832



4807273



20517



2239542



11908533



3552822

Same Dimension

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



10832



14185



848



2434857



31464

Inverse Universe

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



5242922



6881335



5262592



2696487



15204474

Previews

White Background



This preview shows how the Decimal color 10832 looks on a white background.

Color Contrast Check

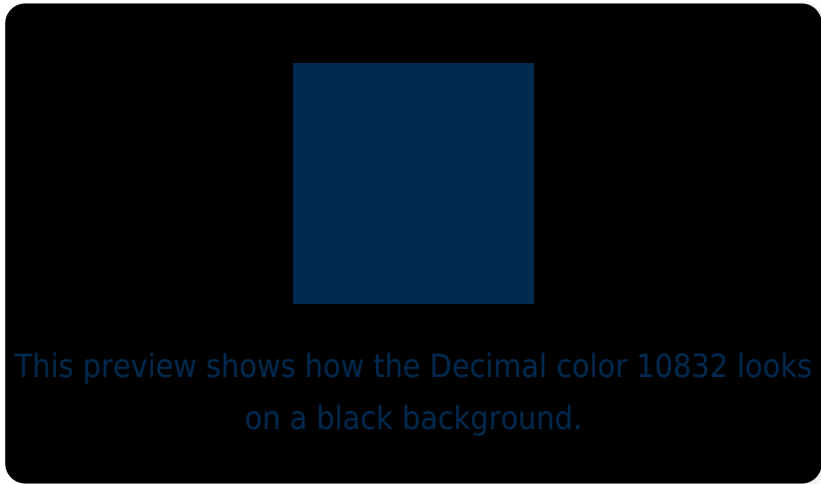
Large Text (above 18pt) WCAG AA ✓ Pass

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

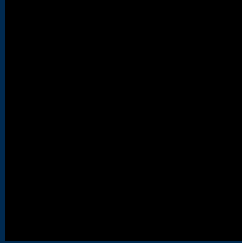
Any Text WCAG AA × Fail

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 10832 Background



This preview shows how black text looks on a background with the Decimal color 10832.



This preview shows how white text looks on a background with the Decimal color 10832.

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
10832

Protanopia
1452367

Deuteranopia
11083

Trichromacy



Original Color
10832

Protanomaly
928079

Deuteranomaly
11085

Tritanomaly
11581

Monochromacy



Original Color
10832

Achromatopsia
2236962

Achromatomaly
1451315

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10832 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 #002A50 looks like.

```
.text, #text, p{  
    color:#002A50  
}
```

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 #002A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A50
}
```

Border

The CSS property to change the border of an element to Decimal 10832 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
#002A50 }
```

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

```
.border{ border-color:#002A50 }
```

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

Here you see how a box with a 4 pixel #002A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A50; -webkit-box-shadow:4px 4px  
4px 4px #002A50; box-shadow:4px 4px 4px  
4px #002A50 }
```

Background

The CSS property to change the background color of an element to Decimal 10832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A50 }
```

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

```
.background{ background-color:#002A50 }
```

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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