

Converting Colors

Decimal(9804)

Have a look what the booklet for
Decimal(9804) contains.

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Color

Decimal(9804)

Conversions

Conversions Part 1

Format	Color
Hex	00264C
RGB	0, 38, 76
RGB Percent	0%, 15%, 30%
CMY	1.0000, 0.8510, 0.7020
CMYK	1.00, 0.50, 0.00, 0.70
HSL	210°, 100%, 15%
HSV	210°, 100%, 30%
XYZ	1.9976, 1.9080, 7.1005
YIQ	30.9700, -34.8460, 3.7620

Conversions

Conversions Part 2

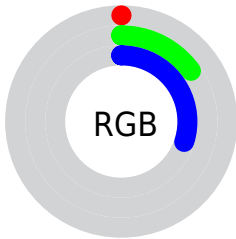
Format	Color
RYB	0, 25, 76
Decimal	9804
CIELab	15.00, 4.38, -27.06
CIELCh	15, 27.410, 279.187
Yxy	1.9080, 0.1815, 0.1734
Android (android.graphics.Color)	4278199884 (0xFF00264C)
YUV	30.9700, 22.1998, -27.1607
Hunter-Lab	13.8131, 1.6412, -20.8081

Details

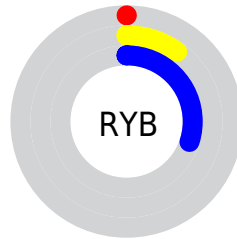
The Decimal color **9804** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4990464**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **3887741**, and **543** is the 20% darker color. If you saturate the color by 10%, you get **9804**, and if you desaturate by 10%, it is **535116**.

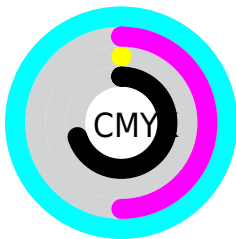
Distribution



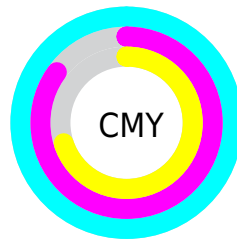
- Red (0%)
- Green (15%)
- Blue (30%)



- Red (0%)
- Yellow (10%)
- Blue (30%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9804 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 9804 by changing the saturation by 10% instead.

■ 9804 ■ 9804

■ 16383999 ■ 4405

■ 3887741 ■ 543

■ 5597847 ■ 3

■ 7308210 ■ 0

■ 9018830

■ 10795242

■ 12637439

■ 14479615

■ 9804

■ 535116

■ 994892

■ 1519948

■ 1979724

■ 2505036

■ 3030348

■ 3490124

■ 4015180

■ 4474956

Harmonies

Analogous

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



11082



9804



3022404

Triad

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



9804



4527885



11799

Complementary

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



9804



4990464

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.



1452801



9804



3874816

Square

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



9804



4723233



2828032



12075

Rectangle

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



9804



3938362



2828032



11537

Sweetspot

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



9804



4609379



19494



2173491



11776947



3355443

Same Dimension

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



9804



12899



76



2237478



13158



29670

Inverse Universe

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



4980774



6488114



5000192



2499108



6684723



15073395

Previews

White Background



This preview shows how the Decimal color 9804 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 9804 Background



This preview shows how black text looks on a background with the Decimal color 9804.



This preview shows how white text looks on a background with the Decimal color 9804.

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
9804

Protanopia
1058123

Deuteranopia
10309



Tritanopia
11054

Trichromacy



Original Color
9804

Protanomaly
664907

Deuteranomaly
10056

Tritanomaly
10553

Monochromacy



Original Color
9804

Achromatopsia
2039583

Achromatomaly
1319471

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9804 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 #00264C looks like.

```
.text, #text, p{  
    color:#00264C  
}
```

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 #00264C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00264C
}
```

Border

The CSS property to change the border of an element to Decimal 9804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

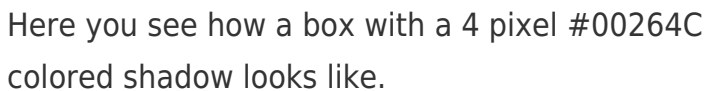
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00264C }
```

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

```
.border{ border-color:#00264C }
```

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



Here you see how a box with a 4 pixel #00264C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00264C; -webkit-box-shadow:4px 4px  
4px 4px #00264C; box-shadow:4px 4px 4px  
4px #00264C }
```

Background

The CSS property to change the background color of an element to Decimal 9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00264C }
```

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

```
.background{ background-color:#00264C }
```

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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