

Converting Colors

Decimal(9574)

Have a look what the booklet for
Decimal(9574) contains.

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Color

Decimal(9574)

Conversions

Conversions Part 1

Format	Color
Hex	002566
RGB	0, 37, 102
RGB Percent	0%, 15%, 40%
CMY	1.0000, 0.8549, 0.6000
CMYK	1.00, 0.64, 0.00, 0.60
HSL	218°, 100%, 20%
HSV	218°, 100%, 40%
XYZ	3.0598, 2.2824, 12.8497
YIQ	33.3470, -42.9170, 12.3710

Conversions

Conversions Part 2

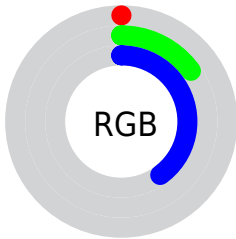
Format	Color
RYB	0, 27, 102
Decimal	9574
CIELab	16.90, 17.23, -41.37
CIELCh	17, 44.813, 292.609
Yxy	2.2824, 0.1682, 0.1255
Android (android.graphics.Color)	4278199654 (0xFF002566)
YUV	33.3470, 33.8459, -29.2453
Hunter-Lab	15.1078, 9.7138, -39.8527

Details

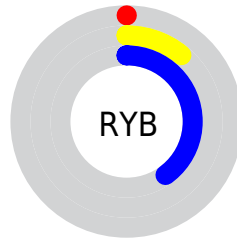
The Decimal color **9574** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6701312**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **4542874**, and **566** is the 20% darker color. If you saturate the color by 10%, you get **9574**, and if you desaturate by 10%, it is **666726**.

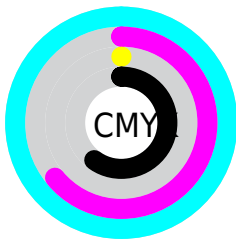
Distribution



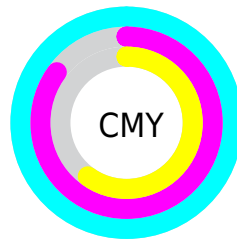
- Red (0%)
- Green (15%)
- Blue (40%)



- Red (0%)
- Yellow (11%)
- Blue (40%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9574 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 9574 by changing the saturation by 10% instead.

■ 9574 ■ 9574

16777215 ■ 4685

■ 4542874 ■ 566

■ 6318517 ■ 544

■ 8094417 ■ 4

■ 9936109 ■ 0

■ 11778047

■ 13619967

■ 15527935

■ 9574

■ 666726

■ 1323622

■ 2046310

■ 2703206

■ 3360358

■ 4017254

■ 4674406

■ 5396838

■ 6053990

Harmonies

Analogous

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



12394



9574



4657233

Triad

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



9574



5379072



13856

Complementary

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



9574



6701312

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.



13312



9574



3876352

Square

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



9574



6160404



1912576



14146

Rectangle

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



9574



5767230



1912576



13589

Sweetspot

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



9574



6122373



26177



2765634



12763842



4342338

Same Dimension

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



9574



12421



917606



3026995



10867



22770

Inverse Universe

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



6684709



8716336



5793280



3354160



7536682



15859800

Previews

White Background



This preview shows how the Decimal color 9574 looks on a white background.

Color Contrast Check

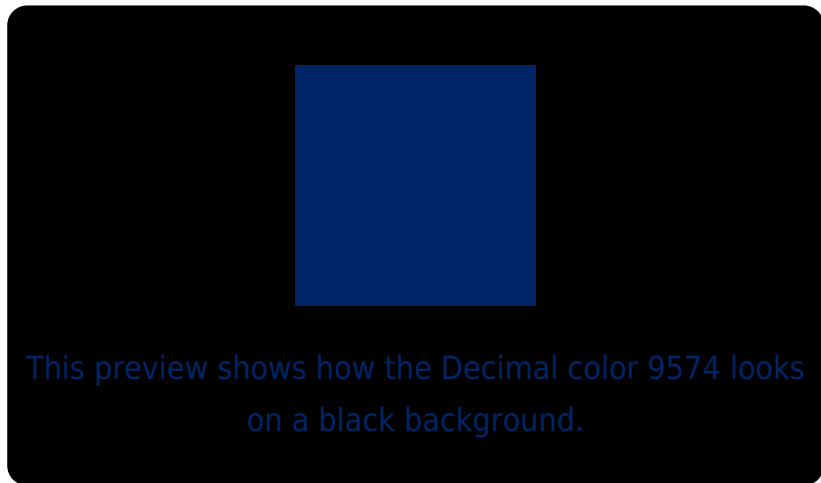
Large Text (above 18pt) WCAG AA ✓ Pass

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

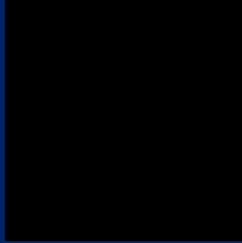
Any Text WCAG AA × Fail

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 9574 Background



This preview shows how black text looks on a background with the Decimal color 9574.



This preview shows how white text looks on a background with the Decimal color 9574.

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
9574

Protanopia
10583

Deuteranopia
11339

Trichromacy



Original Color

9574

Protanomaly

10332

Deuteranomaly

10581

Tritanomaly

11333

Monochromacy



Original Color

9574

Achromatopsia

2171169

Achromatomaly

1385018

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9574 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 #002566 looks like.

```
.text, #text, p{  
    color:#002566  
}
```

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 #002566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002566  
}
```

Border

The CSS property to change the border of an element to Decimal 9574 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  
#002566 }
```

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

```
.border{ border-color:#002566 }
```

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

Here you see how a box with a 4 pixel #002566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002566; -webkit-box-shadow:4px 4px  
4px 4px #002566; box-shadow:4px 4px 4px  
4px #002566 }
```

Background

The CSS property to change the background color of an element to Decimal 9574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002566 }
```

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

```
.background{ background-color:#002566 }
```

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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