

Converting Colors

Decimal(9564)

Have a look what the booklet for
Decimal(9564) contains.

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Color

Decimal(9564)

Conversions

Conversions Part 1

Format	Color
Hex	00255C
RGB	0, 37, 92
RGB Percent	0%, 15%, 36%
CMY	1.0000, 0.8549, 0.6392
CMYK	1.00, 0.60, 0.00, 0.64
HSL	216°, 100%, 18%
HSV	216°, 100%, 36%
XYZ	2.5933, 2.0958, 10.3931
YIQ	32.2070, -39.7070, 9.2610

Conversions

Conversions Part 2

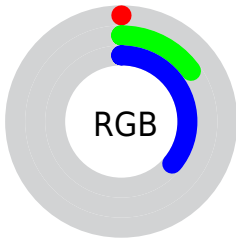
Format	Color
RYB	0, 26, 92
Decimal	9564
CIELab	15.98, 12.67, -36.26
CIELCh	16, 38.410, 289.261
Yxy	2.0958, 0.1719, 0.1390
Android (android.graphics.Color)	4278199644 (0xFF00255C)
YUV	32.2070, 29.4779, -28.2455
Hunter-Lab	14.4770, 6.6407, -32.4304

Details

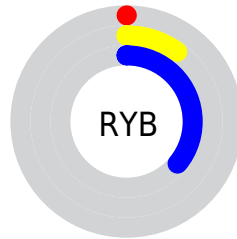
The Decimal color **9564** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6043392**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **4280719**, and **813** is the 20% darker color. If you saturate the color by 10%, you get **9564**, and if you desaturate by 10%, it is **600924**.

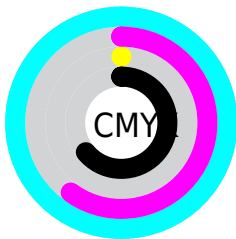
Distribution



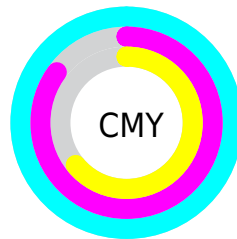
- Red (0%)
- Green (15%)
- Blue (36%)



- Red (0%)
- Yellow (10%)
- Blue (36%)



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

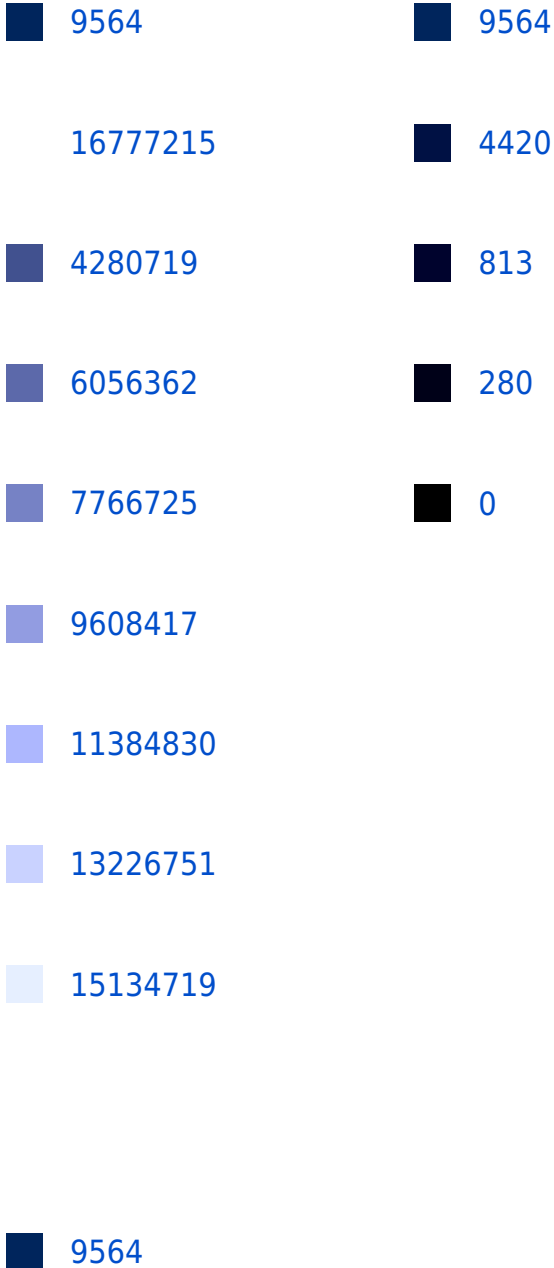


- Cyan (100%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9564 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 9564 by changing the saturation by 10% instead.



■ 600924

■ 1192028

■ 1848924

■ 2440028

■ 3031388

■ 3622492

■ 4213852

■ 4870492

■ 5461852

Harmonies

Analogous

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



11870



9564



4068940

Triad

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



9564



5051648



13085

Complementary

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



9564



6043392

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.



12288



9564



3810048

Square

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



9564



5636888



2239488



13113

Rectangle

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



9564



5048380



2239488



12819

Sweetspot

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



9564



5530232



23606



2568253



12434877



4013373

Same Dimension

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



9564



12408



524380



2698030



11374



24557

Inverse Universe

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



6029349



7864368



5528576



3025195



7209004



15532127

Previews

White Background



This preview shows how the Decimal color 9564 looks on a white background.

Color Contrast Check

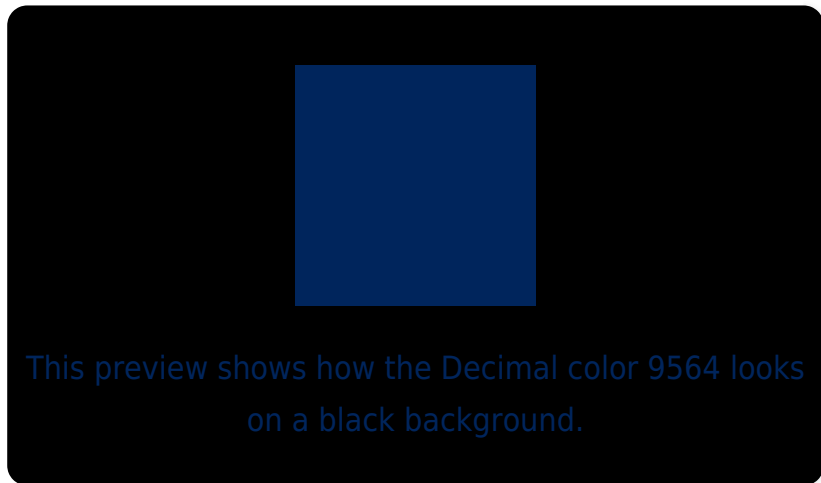
Large Text (above 18pt) WCAG AA ✓ Pass

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

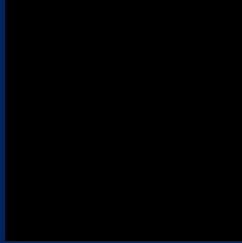
Any Text WCAG AA × Fail

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 9564 Background



This preview shows how black text looks on a background with the Decimal color 9564.



This preview shows how white text looks on a background with the Decimal color 9564.

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
9564

Protanopia
10067

Deuteranopia
10824



Tritanopia
11568

Trichromacy



Original Color

9564

Protanomaly

9814

Deuteranomaly

10319

Tritanomaly

10816

Monochromacy



Original Color

9564

Achromatopsia

2105376

Achromatomaly

1319478

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9564 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 #00255C looks like.

```
.text, #text, p{  
    color:#00255C  
}
```

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 #00255C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00255C
}
```

Border

The CSS property to change the border of an element to Decimal 9564 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".

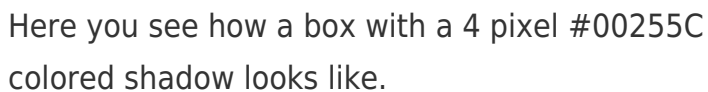
```
.border, #border, table{ border:4px solid
#00255C }
```

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

```
.border{ border-color:#00255C }
```

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

Here you see how a box with a 4 pixel #00255C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00255C; -webkit-box-shadow:4px 4px  
4px 4px #00255C; box-shadow:4px 4px 4px  
4px #00255C }
```

Background

The CSS property to change the background color of an element to Decimal 9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00255C }
```

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

```
.background{ background-color:#00255C }
```

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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