

Converting Colors

Decimal(9316)

Have a look what the booklet for
Decimal(9316) contains.

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Color

Decimal(9316)

Conversions

Conversions Part 1

Format	Color
Hex	002464
RGB	0, 36, 100
RGB Percent	0%, 14%, 39%
CMY	1.0000, 0.8588, 0.6078
CMYK	1.00, 0.64, 0.00, 0.61
HSL	218°, 100%, 20%
HSV	218°, 100%, 39%
XYZ	2.9311, 2.1819, 12.3232
YIQ	32.5320, -42.0000, 12.2720

Conversions

Conversions Part 2

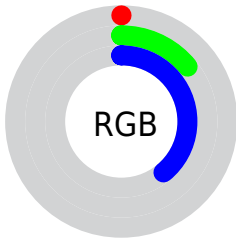
Format	Color
RYB	0, 26, 100
Decimal	9316
CIELab	16.41, 17.08, -40.86
CIELCh	16, 44.283, 292.688
Yxy	2.1819, 0.1681, 0.1251
Android (android.graphics.Color)	4278199396 (0xFF002464)
YUV	32.5320, 33.2617, -28.5306
Hunter-Lab	14.7711, 9.5715, -39.1248

Details

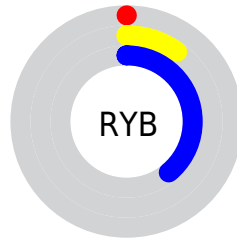
The Decimal color **9316** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6569984**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **4477080**, and **820** is the 20% darker color. If you saturate the color by 10%, you get **9316**, and if you desaturate by 10%, it is **666212**.

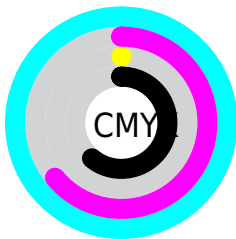
Distribution



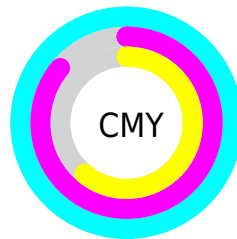
- Red (0%)
- Green (14%)
- Blue (39%)



- Red (0%)
- Yellow (10%)
- Blue (39%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (86%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9316 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 9316 by changing the saturation by 10% instead.

■ 9316 ■ 9316

16777215 ■ 4172

■ 4477080 ■ 820

■ 6252723 ■ 542

■ 8094158 ■ 0

■ 9870315

■ 11712255

■ 13554175

■ 15461887

■ 9316

■ 666212

■ 1323364

■ 1980260

■ 2637412

■ 3294308

■ 3951204

■ 4608356

■ 5265252

■ 5922404

Harmonies

Analogous

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



12136



9316



4525904

Triad

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



9316



5248000



13600

Complementary

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



9316



6569984

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.



13056



9316



3810560

Square

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



9316



6029331



1846784



13632

Rectangle

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



9316



5636156



1846784



13332

Sweetspot

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



9316



5990786



25663



2765634



12763842



4342338

Same Dimension

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



9316



12162



852068



3026995



10611



22514

Inverse Universe

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



6553636



8519727



5727232



3354160



7536681



15859799

Previews

White Background



This preview shows how the Decimal color 9316 looks on a white background.

Color Contrast Check

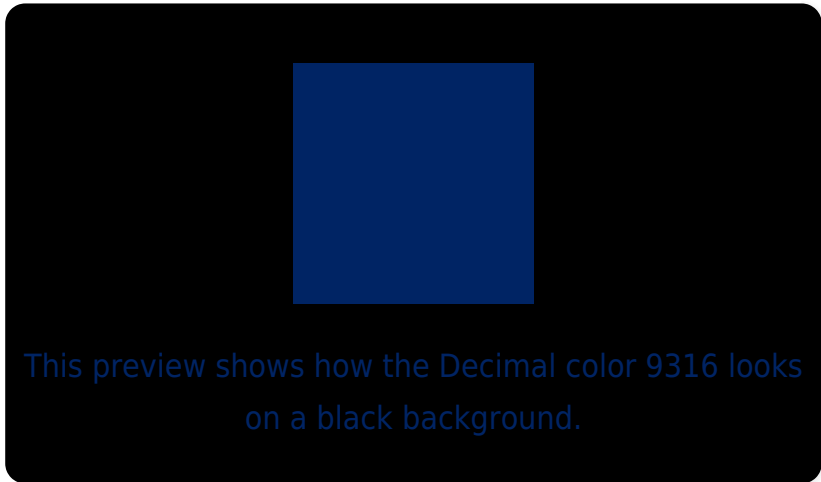
Large Text (above 18pt) WCAG AA ✓ Pass

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

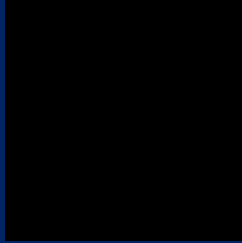
Any Text WCAG AA × Fail

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 9316 Background



This preview shows how black text looks on a background with the Decimal color 9316.



This preview shows how white text looks on a background with the Decimal color 9316.

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
9316

Protanopia
10325

Deuteranopia
11081

Trichromacy



Original Color
9316

Protanomaly
10074

Deuteranomaly
10323

Tritanomaly
10820

Monochromacy



Original Color
9316

Achromatopsia
2171169

Achromatomaly
1385017

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9316 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 #002464 looks like.

```
.text, #text, p{  
    color:#002464  
}
```

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 #002464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002464
}
```

Border

The CSS property to change the border of an element to Decimal 9316 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
#002464 }
```

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

```
.border{ border-color:#002464 }
```

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

Here you see how a box with a 4 pixel #002464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002464; -webkit-box-shadow:4px 4px  
4px 4px #002464; box-shadow:4px 4px 4px  
4px #002464 }
```

Background

The CSS property to change the background color of an element to Decimal 9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002464 }
```

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

```
.background{ background-color:#002464 }
```

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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