

Converting Colors

Decimal(10314)

Have a look what the booklet for
Decimal(10314) contains.

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Color

Decimal(10314)

Conversions

Conversions Part 1

Format	Color
Hex	00284A
RGB	0, 40, 74
RGB Percent	0%, 16%, 29%
CMY	1.0000, 0.8431, 0.7098
CMYK	1.00, 0.46, 0.00, 0.71
HSL	208°, 100%, 15%
HSV	208°, 100%, 29%
XYZ	1.9948, 2.0120, 6.7618
YIQ	31.9160, -34.7540, 2.0940

Conversions

Conversions Part 2

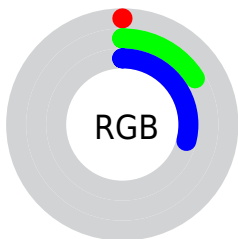
Format	Color
RYB	0, 26, 74
Decimal	10314
CIELab	15.55, 1.93, -24.80
CIELCh	16, 24.879, 274.444
Yxy	2.0120, 0.1852, 0.1868
Android (android.graphics.Color)	4278200394 (0xFF00284A)
YUV	31.9160, 20.7474, -27.9903
Hunter-Lab	14.1845, 0.2803, -18.3346

Details

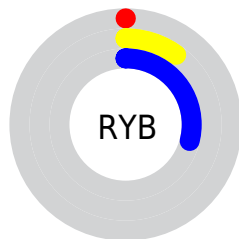
The Decimal color **10314** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4858368**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **3822971**, and **542** is the 20% darker color. If you saturate the color by 10%, you get **10314**, and if you desaturate by 10%, it is **469834**.

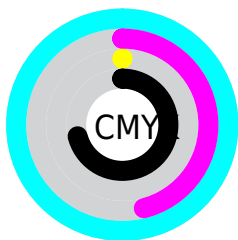
Distribution



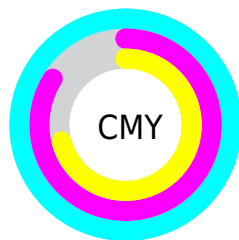
- Red (0%)
- Green (16%)
- Blue (29%)



- Red (0%)
- Yellow (10%)
- Blue (29%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10314 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 10314 by changing the saturation by 10% instead.

■ 10314 ■ 10314

■ 16318463 ■ 5171

■ 3822971 ■ 542

■ 5533077 ■ 0

■ 7243440

■ 8954059

■ 10730471

■ 12572671

■ 14414847

■ 10314

■ 469834

■ 995146

■ 1454666

■ 1979978

■ 2439498

■ 2899018

■ 3424330

■ 3883850

■ 4409162

Harmonies

Analogous

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



11590



10314



2826564

Triad

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



10314



4528404



11799

Complementary

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



10314



4858368

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.



1846020



10314



3940354

Square

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



10314



4593189



3024640



12073

Rectangle

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



10314



3742780



3024640



666897

Sweetspot

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



10314



4478049



18977



2041904



11579568



3158064

Same Dimension

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



10314



13409



1098



2237478



14182



31974

Inverse Universe

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



4849704



6357044



4867584



2499108



6684727



15073404

Previews

White Background



This preview shows how the Decimal color 10314 looks on a white background.

Color Contrast Check

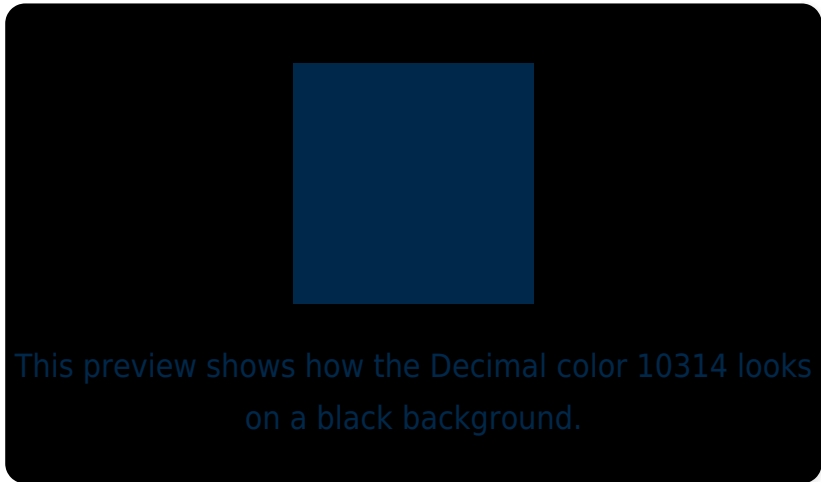
Large Text (above 18pt) WCAG AA ✓ Pass

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

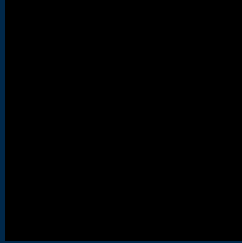
Any Text WCAG AA × Fail

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 10314 Background



This preview shows how black text looks on a background with the Decimal color 10314.



This preview shows how white text looks on a background with the Decimal color 10314.

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
10314

Protanopia
1517385

Deuteranopia
10567

Trichromacy



Original Color
10314

Protanomaly
993097

Deuteranomaly
10568

Tritanomaly
11065

Monochromacy



Original Color
10314

Achromatopsia
2105376

Achromatomaly
1319727

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10314 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 #00284A looks like.

```
.text, #text, p{  
    color:#00284A  
}
```

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 #00284A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00284A
}
```

Border

The CSS property to change the border of an element to Decimal 10314 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
#00284A }
```

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

```
.border{ border-color:#00284A }
```

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

Here you see how a box with a 4 pixel #00284A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00284A; -webkit-box-shadow:4px 4px  
4px 4px #00284A; box-shadow:4px 4px 4px  
4px #00284A }
```

Background

The CSS property to change the background color of an element to Decimal 10314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00284A }
```

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

```
.background{ background-color:#00284A }
```

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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