

Converting Colors

Decimal(471616)

Have a look what the booklet for
Decimal(471616) contains.

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Color

Decimal(471616)

Conversions

Conversions Part 1

Format	Color
Hex	073240
RGB	7, 50, 64
RGB Percent	3%, 20%, 25%
CMY	0.9725, 0.8039, 0.7490
CMYK	0.89, 0.22, 0.00, 0.75
HSL	195°, 80%, 14%
HSV	195°, 89%, 25%
XYZ	2.1536, 2.6965, 5.2575
YIQ	38.7390, -30.1220, -4.7620

Conversions

Conversions Part 2

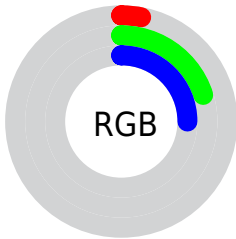
Format	Color
R_{YB}	7, 32, 64
Decimal	471616
CIE _{Lab}	18.79, -8.45, -12.85
CIE _{LCh}	19, 15.383, 236.682
Yxy	2.6965, 0.2131, 0.2668
Android (android.graphics.Color)	4278661696 (0xFF073240)
YUV	38.7390, 12.4537, -27.8351
Hunter-Lab	16.4211, -5.3267, -7.4877

Details

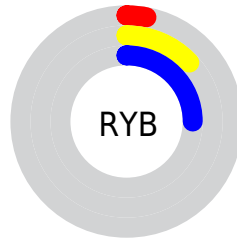
The Decimal color **471616** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4199687**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **3956848**, and **278** is the 20% darker color. If you saturate the color by 10%, you get **77888**, and if you desaturate by 10%, it is **865344**.

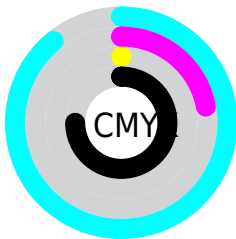
Distribution



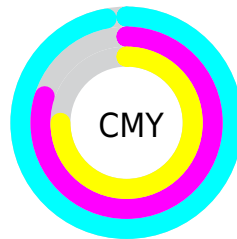
- Red (3%)
- Green (20%)
- Blue (25%)



- Red (3%)
- Yellow (13%)
- Blue (25%)



- Cyan (89%)
- Magenta (22%)
- Yellow (0%)
- Black (75%)



- Cyan (97%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 471616 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 471616 by changing the saturation by 10% instead.



471616



471616



16318463



7466



3956848



278



5601673



0



7246755



8957375



10734042



12576247



14417919



471616



471616

■ 77888

■ 865344

■ 12352

■ 1324352

■ 1718080

■ 2177088

■ 2570816

■ 2964288

■ 3423552

■ 3817280

■ 4276288

Harmonies

Analogous

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



144183



471616



1781572

Triad

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



471616



4334895



2830361

Complementary

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



471616



4199687

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.



3550487



471616



4400676

Square

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



471616



387666



4139291



1978913

Rectangle

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



471616



2633027



4139291



3092248

Sweetspot

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



471616



4018004



475156



1910827



11250603



2829099

Same Dimension

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



471616



16212



464448



1974305



18785



43488

Inverse Universe

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



4196146



5505087



4206855



2170400



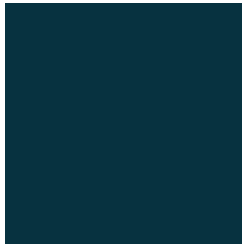
6357065



14680233

Previews

White Background



This preview shows how the Decimal color 471616 looks on a white background.

Color Contrast Check

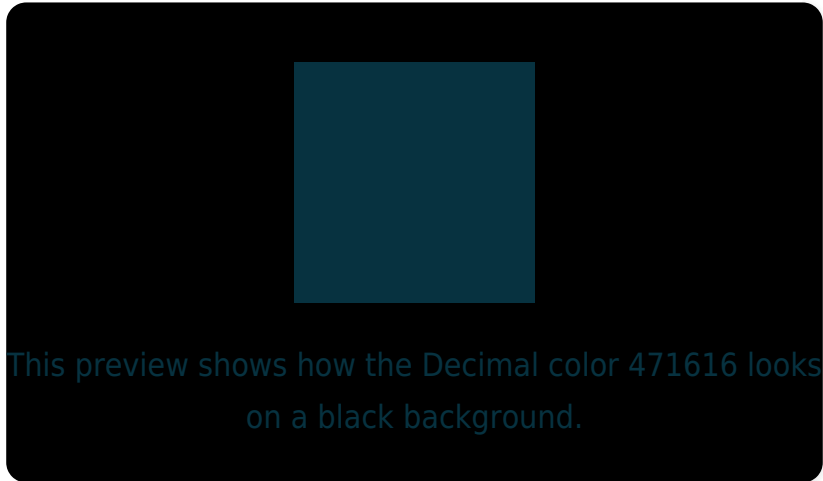
Large Text (above 18pt) WCAG AA ✓ Pass

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

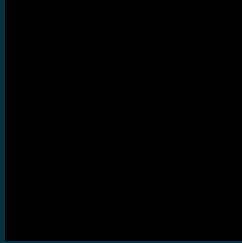
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

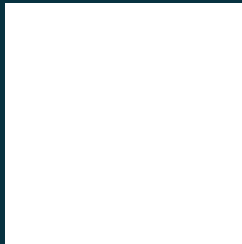
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 471616 Background



This preview shows how black text looks on a background with the Decimal color 471616.



This preview shows how white text looks on a background with the Decimal color 471616.

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
471616

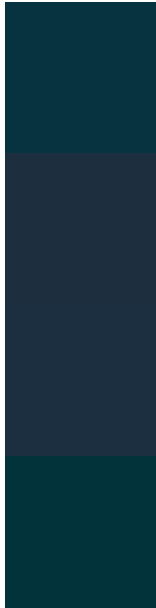
Protanopia
2764093

Deuteranopia
2567745



Tritanopia
13111

Trichromacy



Original Color
471616

Protanomaly
1912638

Deuteranomaly
1781569

Tritanomaly
209722

Monochromacy



Original Color
471616

Achromatopsia
2565927

Achromatomaly
1780528

CSS Examples

Text

The CSS property to change the color of the text to Decimal 471616 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 #073240 looks like.

```
.text, #text, p{  
    color:#073240  
}
```

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 #073240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073240
}
```

Border

The CSS property to change the border of an element to Decimal 471616 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
#073240 }
```

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

```
.border{ border-color:#073240 }
```

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

Here you see how a box with a 4 pixel #073240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073240; -webkit-box-shadow:4px 4px  
4px 4px #073240; box-shadow:4px 4px 4px  
4px #073240 }
```

Background

The CSS property to change the background color of an element to Decimal 471616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073240 }
```

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

```
.background{ background-color:#073240 }
```

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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