

Converting Colors

Decimal(475719)

Have a look what the booklet for
Decimal(475719) contains.

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Color

Decimal(475719)

Conversions

Conversions Part 1

Format	Color
Hex	074247
RGB	7, 66, 71
RGB Percent	3%, 26%, 28%
CMY	0.9725, 0.7412, 0.7216
CMYK	0.90, 0.07, 0.00, 0.72
HSL	185°, 82%, 15%
HSV	185°, 90%, 28%
XYZ	3.1732, 4.3965, 6.6426
YIQ	48.9290, -36.7690, -10.9530

Conversions

Conversions Part 2

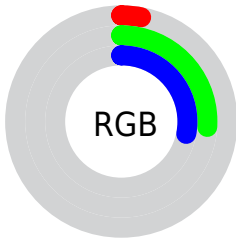
Format	Color
RYB	7, 38, 71
Decimal	475719
CIELab	24.94, -15.47, -8.14
CIELCh	25, 17.485, 207.761
Yxy	4.3965, 0.2233, 0.3093
Android (android.graphics.Color)	4278665799 (0xFF074247)
YUV	48.9290, 10.8810, -36.7717
Hunter-Lab	20.9679, -9.6806, -4.1055

Details

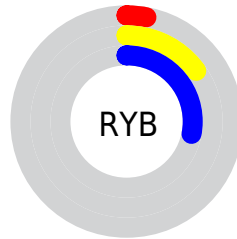
The Decimal color **475719** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4656135**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4223607**, and **6172** is the 20% darker color. If you saturate the color by 10%, you get **16711**, and if you desaturate by 10%, it is **934727**.

Distribution



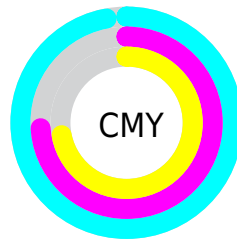
- Red (3%)
- Green (26%)
- Blue (28%)



- Red (3%)
- Yellow (15%)
- Blue (28%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (72%)



- Cyan (97%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 475719 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 475719 by changing the saturation by 10% instead.



475719



475719

16777215



11313



4223607



6172



5868689



0



7579308



9355719



11132387



12974847



14811135



475719



475719

■ 16711

■ 934727

■ 1393479

■ 1852487

■ 2311239

■ 2835783

■ 3294535

■ 3753543

■ 4212295

■ 4671303

Harmonies

Analogous

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



1458746



475719



1065041

Triad

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



475719



4928585



4536865

Complementary

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



475719



4656135

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.



5190949



475719



5517629

Square

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



475719



3881042



5583408



3620387

Rectangle

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



475719



2047573



5583408



4798753

Sweetspot

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



475719



4414044



476939



2043182



11382189



3026478

Same Dimension

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



475719



21852



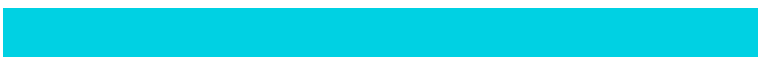
467783



2106148



23651



53731

Inverse Universe

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



4654914



6029397



4664071



2367523



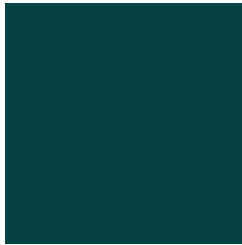
6488156



14876881

Previews

White Background



This preview shows how the Decimal color 475719 looks on a white background.

Color Contrast Check

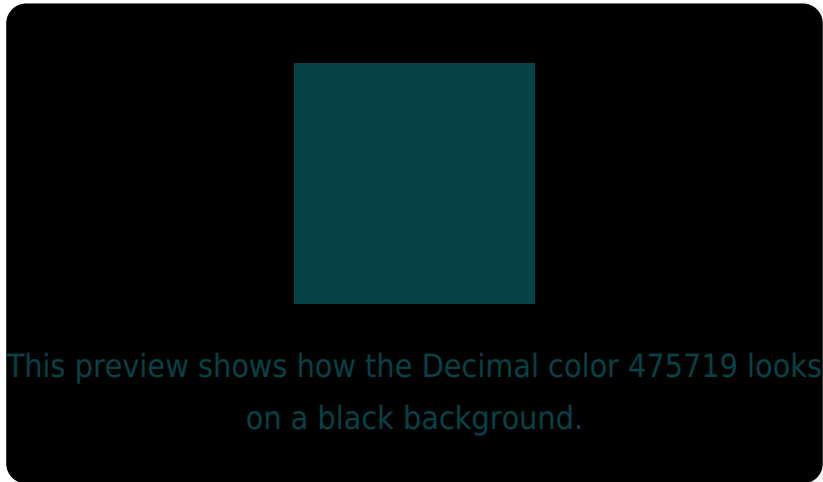
Large Text (above 18pt) WCAG AA ✓ Pass

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

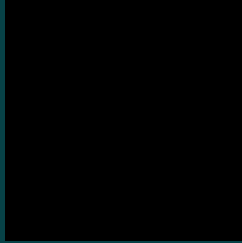
Any Text WCAG AA × Fail

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 475719 Background



This preview shows how black text looks on a background with the Decimal color 475719.

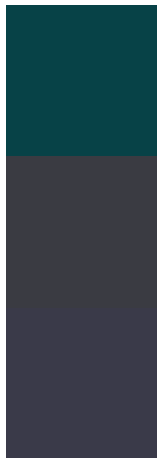


This preview shows how white text looks on a background with the Decimal color 475719.

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

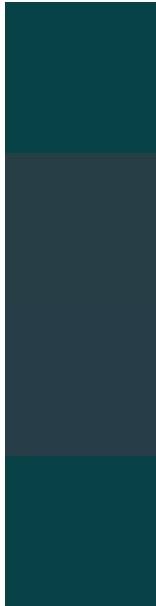


Original Color
475719

Protanopia
3816258

Deuteranopia
3816009

Trichromacy



Original Color
475719

Protanomaly
2571844

Deuteranomaly
2571592

Tritanomaly
541255

Monochromacy



Original Color
475719

Achromatopsia
3223857

Achromatomaly
2242361

CSS Examples

Text

The CSS property to change the color of the text to Decimal 475719 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 #074247 looks like.

```
.text, #text, p{  
    color:#074247  
}
```

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 #074247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074247
}
```

Border

The CSS property to change the border of an element to Decimal 475719 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
#074247 }
```

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

```
.border{ border-color:#074247 }
```

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

Here you see how a box with a 4 pixel #074247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074247; -webkit-box-shadow:4px 4px  
4px 4px #074247; box-shadow:4px 4px 4px  
4px #074247 }
```

Background

The CSS property to change the background color of an element to Decimal 475719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074247 }
```

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

```
.background{ background-color:#074247 }
```

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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