

Converting Colors

Decimal(475714)

Have a look what the booklet for
Decimal(475714) contains.

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Color

Decimal(475714)

Conversions

Conversions Part 1

Format	Color
Hex	074242
RGB	7, 66, 66
RGB Percent	3%, 26%, 26%
CMY	0.9725, 0.7412, 0.7412
CMYK	0.89, 0.00, 0.00, 0.74
HSL	180°, 81%, 14%
HSV	180°, 89%, 26%
XYZ	3.0192, 4.3349, 5.8319
YIQ	48.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

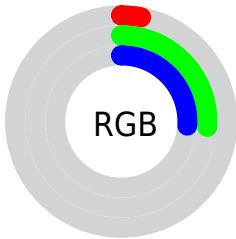
Format	Color
R_YB	7, 37, 66
Decimal	475714
CIE Lab	24.75, -17.29, -5.13
CIE LCh	25, 18.038, 196.532
Yxy	4.3349, 0.2290, 0.3288
Android (android.graphics.Color)	4278665794 (0xFF074242)
YUV	48.3590, 8.6970, -36.2718
Hunter-Lab	20.8205, -10.5515, -2.0328

Details

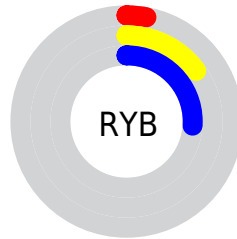
The Decimal color **475714** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4327175**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **4158066**, and **6423** is the 20% darker color. If you saturate the color by 10%, you get **16962**, and if you desaturate by 10%, it is **934466**.

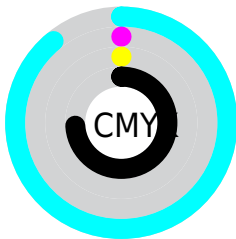
Distribution



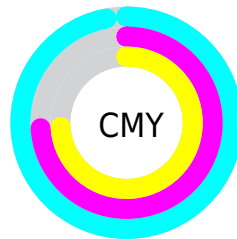
- Red (3%)
- Green (26%)
- Blue (26%)



- Red (3%)
- Yellow (15%)
- Blue (26%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (74%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 475714 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 475714 by changing the saturation by 10% instead.



475714



475714



16646143



11308



4158066



6423



5803147



0



7513766



9290433



11067101



12909305



14745599



475714



475714

■ 16962

■ 934466

■ 1327682

■ 1786434

■ 2179650

■ 2638402

■ 3097154

■ 3490370

■ 3949122

■ 4342338

Harmonies

Analogous

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



1786420



475714



278862

Triad

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



475714



4601166



4798496

Complementary

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



475714



4327175

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.



5387048



475714



5321025

Square

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



475714



3357013



5582900



3947552

Rectangle

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



475714



1326931



5582900



5060130

Sweetspot

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



475714



4151127



475655



1911595



11250603



2829099

Same Dimension

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



475714



22359



468290



1974561



24929



57568

Inverse Universe

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



4327234



5701719



4334855



2170401



6357089



14680288

Previews

White Background



This preview shows how the Decimal color 475714 looks on a white background.

Color Contrast Check

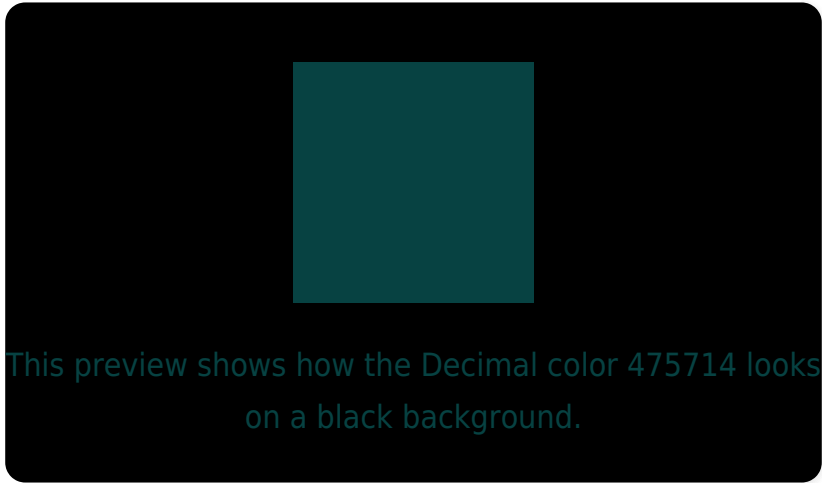
Large Text (above 18pt) WCAG AA ✓ Pass

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

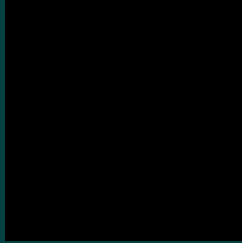
Any Text WCAG AA × Fail

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 475714 Background



This preview shows how black text looks on a background with the Decimal color 475714.



This preview shows how white text looks on a background with the Decimal color 475714.

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](#).

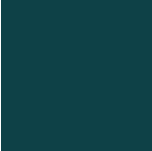
Dichromacy



Original Color
475714

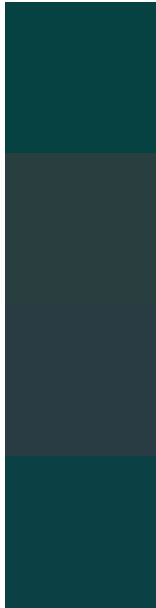
Protanopia
3881789

Deuteranopia
3946820



Tritanopia
934215

Trichromacy



Original Color
475714

Protanomaly
2637375

Deuteranomaly
2702403

Tritanomaly
737605

Monochromacy



Original Color
475714

Achromatopsia
3158064

Achromatomaly
2176823

CSS Examples

Text

The CSS property to change the color of the text to Decimal 475714 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 #074242 looks like.

```
.text, #text, p{  
    color:#074242  
}
```

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 #074242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074242
}
```

Border

The CSS property to change the border of an element to Decimal 475714 is called "border". The border property can be set on classes, ids or directly on the HTML element.

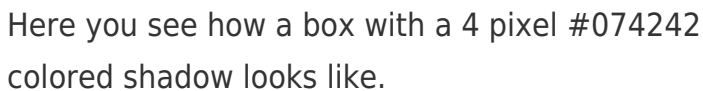
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#074242 }
```

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

```
.border{ border-color:#074242 }
```

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



Here you see how a box with a 4 pixel #074242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074242; -webkit-box-shadow:4px 4px  
4px 4px #074242; box-shadow:4px 4px 4px  
4px #074242 }
```

Background

The CSS property to change the background color of an element to Decimal 475714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074242 }
```

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

```
.background{ background-color:#074242 }
```

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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