

Converting Colors

Decimal(475744)

Have a look what the booklet for
Decimal(475744) contains.

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Color

Decimal(475744)

Conversions

Conversions Part 1

Format	Color
Hex	074260
RGB	7, 66, 96
RGB Percent	3%, 26%, 38%
CMY	0.9725, 0.7412, 0.6235
CMYK	0.93, 0.31, 0.00, 0.62
HSL	200°, 86%, 20%
HSV	200°, 93%, 38%
XYZ	4.1472, 4.7861, 11.7716
YIQ	51.7790, -44.7940, -3.1780

Conversions

Conversions Part 2

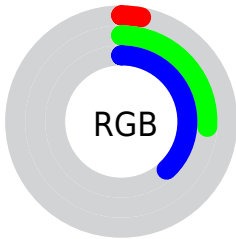
Format	Color
R_{YB}	7, 42, 96
Decimal	475744
CIE _{Lab}	26.12, -5.51, -22.66
CIE _{LCh}	26, 23.323, 256.330
Yxy	4.7861, 0.2003, 0.2312
Android (android.graphics.Color)	4278665824 (0xFF074260)
YUV	51.7790, 21.8010, -39.2712
Hunter-Lab	21.8772, -4.4478, -16.5884

Details

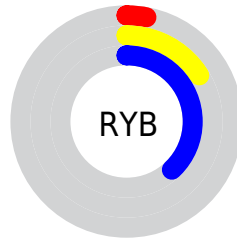
The Decimal color **475744** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6300935**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **4551315**, and **6193** is the 20% darker color. If you saturate the color by 10%, you get **16480**, and if you desaturate by 10%, it is **1131872**.

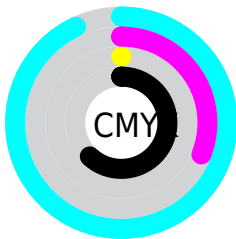
Distribution



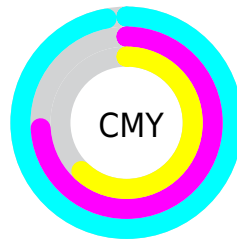
- Red (3%)
- Green (26%)
- Blue (38%)



- Red (3%)
- Yellow (16%)
- Blue (38%)



- Cyan (93%)
- Magenta (31%)
- Yellow (0%)
- Black (62%)



- Cyan (97%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 475744 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 475744 by changing the saturation by 10% instead.

■ 475744 ■ 475744

16777215 ■ 11336

■ 4551315 ■ 6193

■ 6327213 ■ 540

■ 8103625 ■ 0

■ 9880037

■ 11656447

■ 13564415

■ 15466495

■ 475744 ■ 475744

■ 16480

■ 1131872

■ 1722464

■ 2378848

■ 2969440

■ 3625568

■ 4281696

■ 4872544

■ 5528672

■ 6119264

Harmonies

Analogous

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



18007



475744



3292256

Triad

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



475744



6303541



2835493

Complementary

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



475744



6300935

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.



4145179



475744



5977125

Square

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



475744



5976135



5257755



1001013

Rectangle

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



475744



4470874



5257755



3293984

Sweetspot

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



475744



5927293



483365



2766912



12566463



4210752

Same Dimension

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



475744



21373



464480



2895664



19056



40944

Inverse Universe

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



6293314



8192083



6312199



3157039



7340106



15728799

Previews

White Background



This preview shows how the Decimal color 475744 looks on a white background.

Color Contrast Check

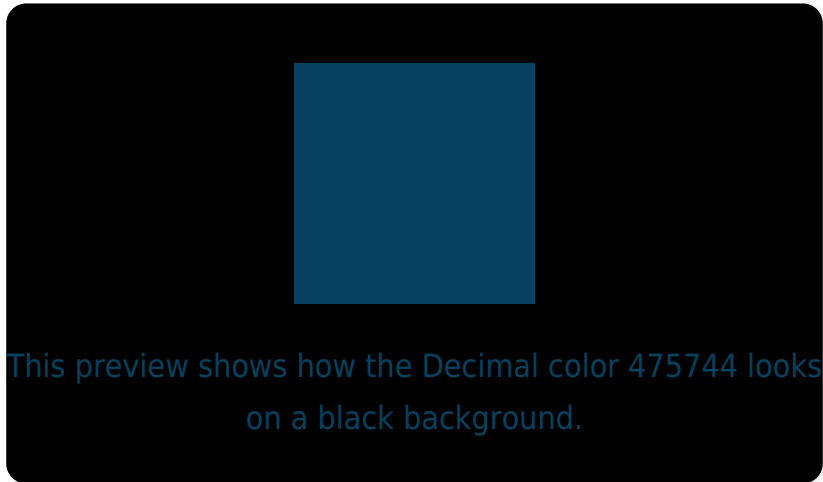
Large Text (above 18pt) WCAG AA ✓ Pass

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

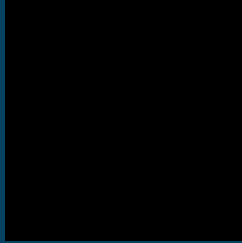
Any Text WCAG AA × Fail

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 475744 Background



This preview shows how black text looks on a background with the Decimal color 475744.



This preview shows how white text looks on a background with the Decimal color 475744.

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
475744

Protanopia
3423580

Deuteranopia
2834017



Tritanopia
17738

Trichromacy



Original Color
475744

Protanomaly
2375517

Deuteranomaly
1982305

Tritanomaly
214098

Monochromacy



Original Color
475744

Achromatopsia
3421236

Achromatomaly
2373956

CSS Examples

Text

The CSS property to change the color of the text to Decimal 475744 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 #074260 looks like.

```
.text, #text, p{  
    color:#074260  
}
```

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 #074260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074260
}
```

Border

The CSS property to change the border of an element to Decimal 475744 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
#074260 }
```

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

```
.border{ border-color:#074260 }
```

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

Here you see how a box with a 4 pixel #074260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074260; -webkit-box-shadow:4px 4px  
4px 4px #074260; box-shadow:4px 4px 4px  
4px #074260 }
```

Background

The CSS property to change the background color of an element to Decimal 475744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074260 }
```

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

```
.background{ background-color:#074260 }
```

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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