

Converting Colors

Decimal(481602)

Have a look what the booklet for
Decimal(481602) contains.

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Color

Decimal(481602)

Conversions

Conversions Part 1

Format	Color
Hex	075942
RGB	7, 89, 66
RGB Percent	3%, 35%, 26%
CMY	0.9725, 0.6510, 0.7412
CMYK	0.92, 0.00, 0.26, 0.65
HSL	163°, 85%, 19%
HSV	163°, 92%, 35%
XYZ	4.6434, 7.5833, 6.3732
YIQ	61.8600, -41.4890, -24.5370

Conversions

Conversions Part 2

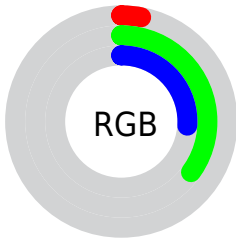
Format	Color
RYB	7, 55, 89
Decimal	481602
CIELab	33.10, -28.85, 7.00
CIELCh	33, 29.690, 166.362
Yxy	7.5833, 0.2496, 0.4077
Android (android.graphics.Color)	4278671682 (0xFF075942)
YUV	61.8600, 2.0410, -48.1122
Hunter-Lab	27.5377, -18.0927, 5.5545

Details

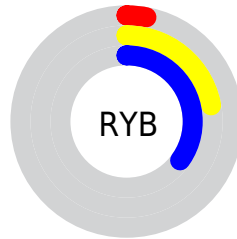
The Decimal color **481602** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5834526**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **4557938**, and **10775** is the 20% darker color. If you saturate the color by 10%, you get **22848**, and if you desaturate by 10%, it is **1071428**.

Distribution



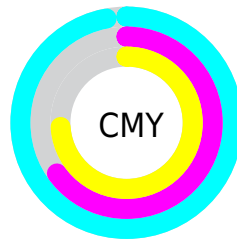
- Red (3%)
- Green (35%)
- Blue (26%)



- Red (3%)
- Yellow (22%)
- Blue (35%)



- Cyan (92%)
- Magenta (0%)
- Yellow (26%)
- Black (65%)



- Cyan (97%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 481602 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 481602 by changing the saturation by 10% instead.

 481602  481602

16777215  16684

 4557938  10775

 6268555  4864


 8045222  0

 9821889

 11664349

 13500409

 15400959

 481602  481602

■ 22848

■ 1071428

■ 1661255

■ 2251081

■ 2840908

■ 3430734

■ 3955025

■ 4544851

■ 5134678

■ 5724504

Harmonies

Analogous

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



3429932



481602



23130

Triad

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



481602



4082811



7618605

Complementary

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



481602



5834526

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.



8010306



481602



6308718

Square

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



481602



21371



7617370



6637855

Rectangle

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



481602



22889



7617370



7814707

Sweetspot

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



481602



5469034



1988871



2571061



12237498



3881787

Same Dimension

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



481602



29523



477017



2566954



27469



60329

Inverse Universe

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



5834526



7536672



5839111



2828072



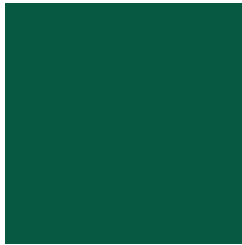
7012382



15401026

Previews

White Background



This preview shows how the Decimal color 481602 looks on a white background.

Color Contrast Check

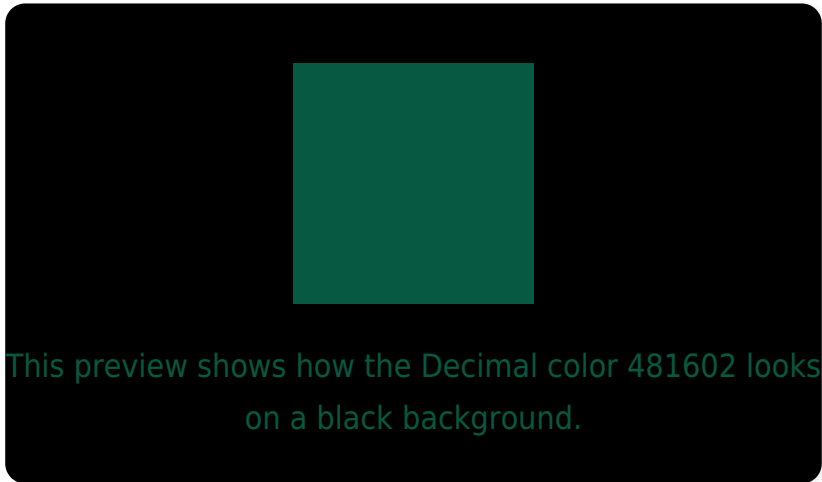
Large Text (above 18pt) WCAG AA ✓ Pass

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

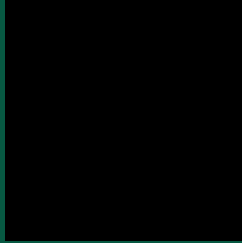
Any Text WCAG AA × Fail

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 481602 Background



This preview shows how black text looks on a background with the Decimal color 481602.



This preview shows how white text looks on a background with the Decimal color 481602.

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
481602

Protanopia
5459517

Deuteranopia
5786437

Trichromacy



Original Color
481602

Protanomaly
3625535

Deuteranomaly
3887172

Tritanomaly
1398611

Monochromacy



Original Color
481602

Achromatopsia
4079166

Achromatomaly
2771007

CSS Examples

Text

The CSS property to change the color of the text to Decimal 481602 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 #075942 looks like.

```
.text, #text, p{  
    color:#075942  
}
```

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 #075942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075942
}
```

Border

The CSS property to change the border of an element to Decimal 481602 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".

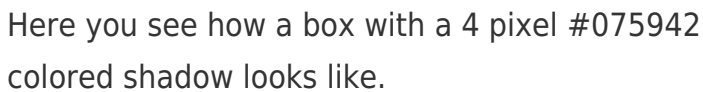
```
.border, #border, table{ border:4px solid
#075942 }
```

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

```
.border{ border-color:#075942 }
```

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

Here you see how a box with a 4 pixel #075942 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075942; -webkit-box-shadow:4px 4px  
4px 4px #075942; box-shadow:4px 4px 4px  
4px #075942 }
```

Background

The CSS property to change the background color of an element to Decimal 481602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075942 }
```

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

```
.background{ background-color:#075942 }
```

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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