

# Converting Colors

Decimal(1073241)

Have a look what the booklet for  
Decimal(1073241) contains.

<b>Decimal(1073241)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(1073241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	106059
RGB	16, 96, 89
RGB Percent	6%, 38%, 35%
CMY	0.9373, 0.6235, 0.6510
CMYK	0.83, 0.00, 0.07, 0.62
HSL	175°, 71%, 22%
HSV	175°, 83%, 38%
XYZ	6.1997, 9.1972, 10.8997
YIQ	71.2820, -45.4330, -19.1370

# Conversions

## Conversions Part 2

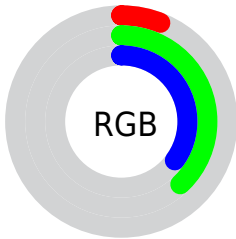
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 58, 96
Decimal	1073241
CIE <sub>Lab</sub>	36.36, -24.42, -2.59
CIE <sub>LCh</sub>	36, 24.560, 186.044
Yxy	9.1972, 0.2358, 0.3497
Android (android.graphics.Color)	4279263321 (0xFF106059)
YUV	71.2820, 8.7350, -48.4823
Hunter-Lab	30.3268, -16.5811, -0.0804

# Details

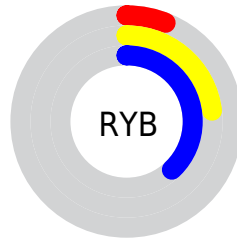
The Decimal color **1073241** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6295575**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **5018507**, and **12588** is the 20% darker color. If you saturate the color by 10%, you get **417880**, and if you desaturate by 10%, it is **1728602**.

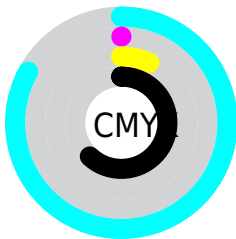
# Distribution



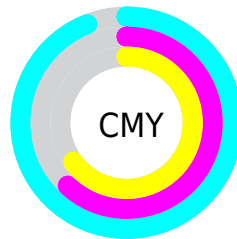
- Red (6%)
- Green (38%)
- Blue (35%)



- Red (6%)
- Yellow (23%)
- Blue (38%)



- Cyan (83%)
- Magenta (0%)
- Yellow (7%)
- Black (62%)



- Cyan (94%)
- Magenta (62%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1073241 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 1073241 by changing the saturation by 10% instead.



1073241

1073241

16777215

18498

5018507

12588

6794917

7703

8571328

0

10348252

12189689

14090239

15990783

1073241

1073241

■ 417880

■ 1728602

■ 24664

■ 2318427

■ 2973788

■ 3563612

■ 4218973

■ 4874334

■ 5464159

■ 6119520

■ 6709345

# Harmonies

## Analogous

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



3235653



1073241



24428

# Triad

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



1073241



6115189



7294770

# Complementary

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



1073241



6295575

# 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.



8014143



1073241



7489638

# Square

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



1073241



4150909



8078930



6182446

# Rectangle

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



1073241



351606



8078930



7621941



# Sweetspot

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



1073241



6192506



1597456



2965566



12566463



4210752



# Same Dimension

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



1073241



32114



1065056



2895920



28774



61659



# Inverse Universe

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



6295575



8192011



6303760



3157036



7340042



15728661



# Previews

## White Background



This preview shows how the Decimal color 1073241 looks on a white background.

## Color Contrast Check

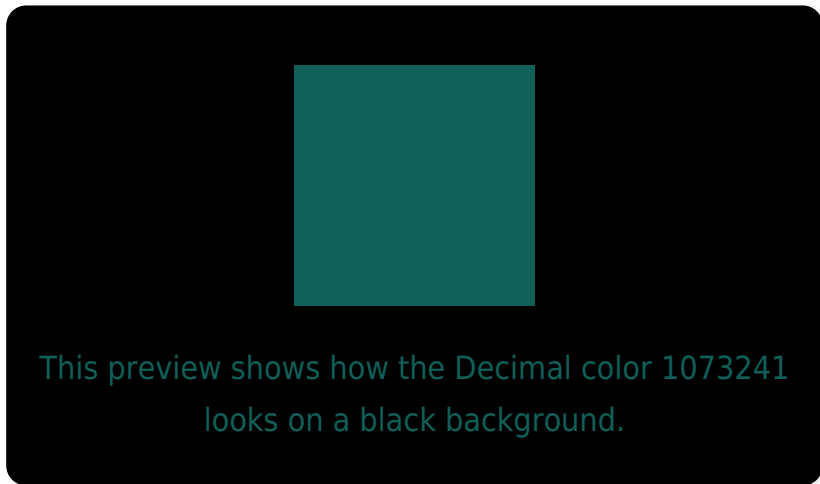
Large Text (above 18pt) WCAG AA ✓ Pass

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

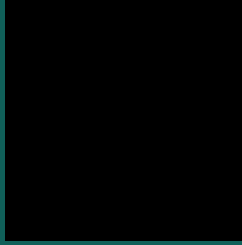
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1073241 Background



This preview shows how black text looks on a background with the Decimal color 1073241.



This preview shows how white text looks on a background with the Decimal color 1073241.

# 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**  
1073241

**Protanopia**  
5723475

**Deuteranopia**  
5985116



**Tritanopia**  
1793638

# Trichromacy



**Original Color**  
1073241

**Protanomaly**  
4020565

**Deuteranomaly**  
4216923

**Tritanomaly**  
1531745

# Monochromacy



**Original Color**  
1073241

**Achromatopsia**  
4671303

**Achromatomaly**  
3362894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1073241 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 #106059 looks like.

```
.text, #text, p{  
    color:#106059  
}
```

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 #106059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106059
}
```

## Border

The CSS property to change the border of an element to Decimal 1073241 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
#106059 }
```

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

```
.border{ border-color:#106059 }
```

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

Here you see how a box with a 4 pixel #106059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106059; -webkit-box-shadow:4px 4px  
4px 4px #106059; box-shadow:4px 4px 4px  
4px #106059 }
```

# Background

The CSS property to change the background color of an element to Decimal 1073241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106059 }
```

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

```
.background{ background-color:#106059 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor