

# Converting Colors

Decimal(4679241)

Have a look what the booklet for  
Decimal(4679241) contains.

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# Color

**Decimal(4679241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	476649
RGB	71, 102, 73
RGB Percent	28%, 40%, 29%
CMY	0.7216, 0.6000, 0.7137
CMYK	0.30, 0.00, 0.28, 0.60
HSL	124°, 18%, 34%
HSV	124°, 30%, 40%
XYZ	8.5525, 11.3234, 8.0382
YIQ	89.4250, -9.1670, -15.5910

# Conversions

## Conversions Part 2

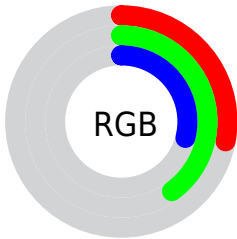
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 100, 102
Decimal	4679241
CIELab	40.12, -17.84, 12.86
CIElCh	40, 21.992, 144.219
Yxy	11.3234, 0.3064, 0.4057
Android (android.graphics.Color)	4282869321 (0xFF476649)
YUV	89.4250, -8.0975, -16.1587
Hunter-Lab	33.6502, -13.5205, 9.3923

# Details

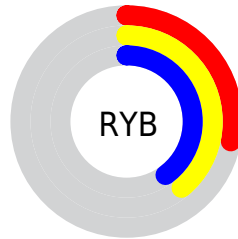
The Decimal color **4679241** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6702948**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **7903610**, and **1652509** is the 20% darker color. If you saturate the color by 10%, you get **4023871**, and if you desaturate by 10%, it is **5334611**.

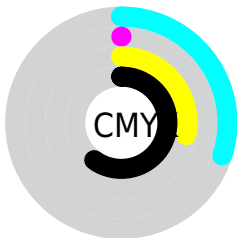
# Distribution



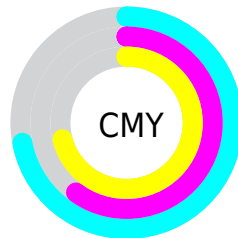
- Red (28%)
- Green (40%)
- Blue (29%)



- Red (28%)
- Yellow (39%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4679241 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 4679241 by changing the saturation by 10% instead.





4679241



4679241

16777215



3165746



7903610



1652509



9614484



270597



11391150



256



13233354



0



15073254



4679241



4679241



4023871



5334611



3368502



5989980

■ 2647596

■ 6710886

■ 1992227

■ 7366255

■ 1336857

■ 8021625

■ 681488

■ 8676994

■ 26119

■ 9332364

■ 10053269

■ 10708639

# Harmonies

## Analogous

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



6054461



4679241



3237978

# Triad

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



4679241



4219266



8540753

# Complementary

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



4679241



6702948

# 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.



8343907



4679241



6052735

# Square

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



4679241



2582139



7492980



8148546

# Rectangle

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



4679241



2386023



7492980



8540503



# Sweetspot

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



4679241



7964025



6579783



3883579



12763842



4342338



# Same Dimension

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



4679241



5604696



4679256



3027758



29447



61968



# Inverse Universe

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



6702948



8738178



6702933



3354163



7536747

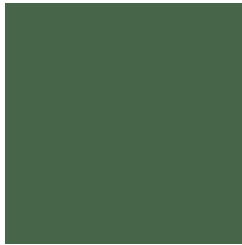


15859939



# Previews

## White Background



This preview shows how the Decimal color 4679241 looks on a white background.

## Color Contrast Check

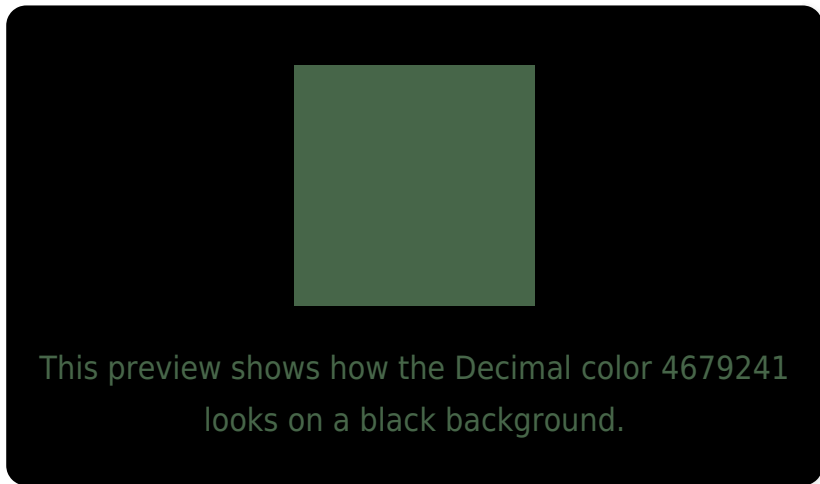
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

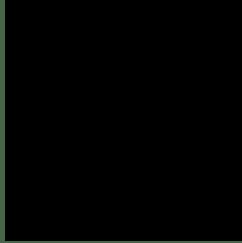
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4679241 Background



This preview shows how black text looks on a background with the Decimal color 4679241.



This preview shows how white text looks on a background with the Decimal color 4679241.

# 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**

4679241

**Protanopia**

6643269

**Deuteranopia**

7232331



# Trichromacy



**Original Color**  
4679241

**Protanomaly**  
5923142

**Deuteranomaly**  
6315850

**Tritanomaly**  
4940638

# Monochromacy



**Original Color**  
4679241

**Achromatopsia**  
5855577

**Achromatomaly**  
5398099

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4679241 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 #476649 looks like.

```
.text, #text, p{  
    color:#476649  
}
```

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 #476649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476649
}
```

## Border

The CSS property to change the border of an element to Decimal 4679241 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
#476649 }
```

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

```
.border{ border-color:#476649 }
```

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

Here you see how a box with a 4 pixel #476649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476649; -webkit-box-shadow:4px 4px  
4px 4px #476649; box-shadow:4px 4px 4px  
4px #476649 }
```

# Background

The CSS property to change the background color of an element to Decimal 4679241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476649 }
```

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

```
.background{ background-color:#476649 }
```

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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