

# Converting Colors

Decimal(4674629)

Have a look what the booklet for  
Decimal(4674629) contains.

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# Color

**Decimal(4674629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	475445
RGB	71, 84, 69
RGB Percent	28%, 33%, 27%
CMY	0.7216, 0.6706, 0.7294
CMYK	0.15, 0.00, 0.18, 0.67
HSL	112°, 10%, 30%
HSV	112°, 18%, 33%
XYZ	6.8430, 8.1099, 6.8349
YIQ	78.4030, -2.9330, -7.4210

# Conversions

## Conversions Part 2

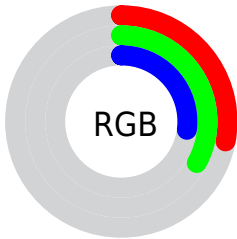
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 84, 82
Decimal	4674629
CIELab	34.21, -8.42, 7.08
CIELCh	34, 11.005, 139.925
Yxy	8.1099, 0.3141, 0.3722
Android (android.graphics.Color)	4282864709 (0xFF475445)
YUV	78.4030, -4.6357, -6.4924
Hunter-Lab	28.4779, -6.9441, 5.7045

# Details

The Decimal color **4674629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5391700**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **7898741**, and **1779482** is the 20% darker color. If you saturate the color by 10%, you get **4215869**, and if you desaturate by 10%, it is **5133389**.

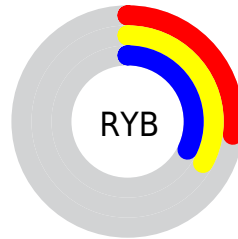
# Distribution



Red (28%)

Green (33%)

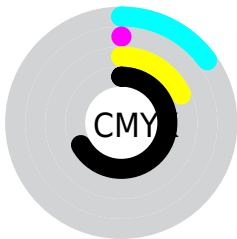
Blue (27%)



Red (27%)

Yellow (33%)

Blue (32%)

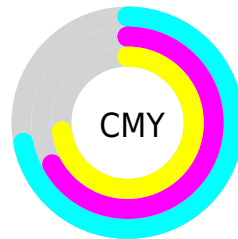


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (67%)



Cyan (72%)

Magenta (67%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4674629 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 4674629 by changing the saturation by 10% instead.





4674629



4674629

16777215



3161391



7898741



1779482



9543823



135936



11320233



0



13096644



14939104

16777213



4674629



4674629



4215869



5133389

■ 3691572

■ 5657686

■ 3232812

■ 6116446

■ 2774051

■ 6575207

■ 2315291

■ 7033967

■ 1790995

■ 7558263

■ 1332234

■ 8017024

■ 873474

■ 8475784

■ 742400

■ 9000081

# Harmonies

## Analogous

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



5329472



4674629



4085069

# Triad

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



4674629



4412001



6507339

# Complementary

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



4674629



5391700

# 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.



6310740



4674629



5132129

# Square

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



4674629



3888221



5852252



6310979

# Rectangle

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



4674629



3823187



5852252



6441550



# Sweetspot

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



4674629



6909544



5526085



3487797



12105912



3684408



# Same Dimension

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



4674629



5926487



4543562



2435365



944384



2091008



# Inverse Universe

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



5391700



7034734



5522766



2630953



5963881



13172968



# Previews

## White Background



This preview shows how the Decimal color 4674629 looks on a white background.

## Color Contrast Check

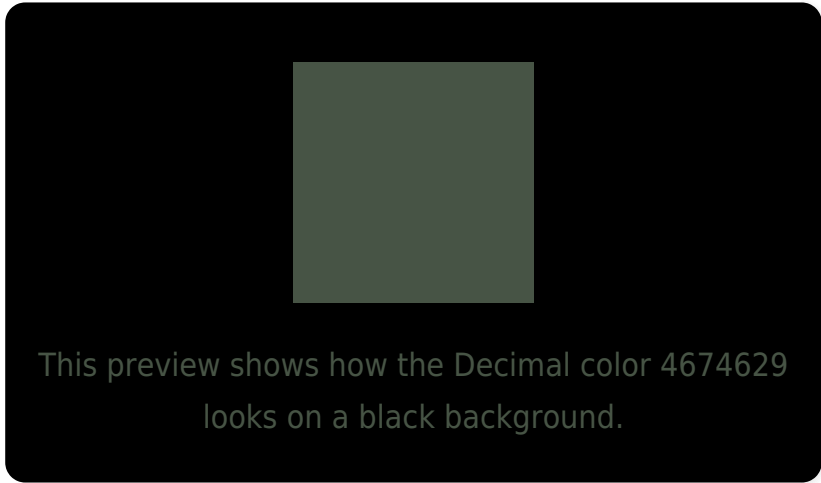
Large Text (above 18pt) WCAG AA ✓ Pass

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

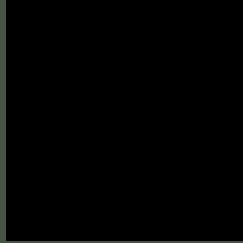
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4674629 Background



This preview shows how black text looks on a background with the Decimal color 4674629.

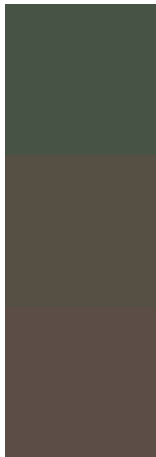


This preview shows how white text looks on a background with the Decimal color 4674629.

# 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**  
4674629

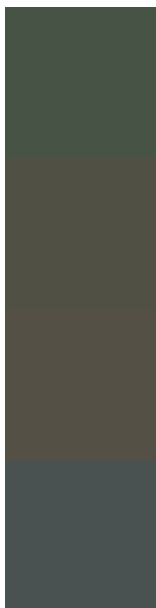
**Protanopia**  
5591107

**Deuteranopia**  
6049094



**Tritanopia**  
4870488

# Trichromacy



**Original Color**

4674629

**Protanomaly**

5263684

**Deuteranomaly**

5525574

**Tritanomaly**

4805201

# Monochromacy



**Original Color**

4674629

**Achromatopsia**

5131854

**Achromatomaly**

4935755

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4674629 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 #475445 looks like.

```
.text, #text, p{  
    color:#475445  
}
```

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 #475445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475445
}
```

## Border

The CSS property to change the border of an element to Decimal 4674629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

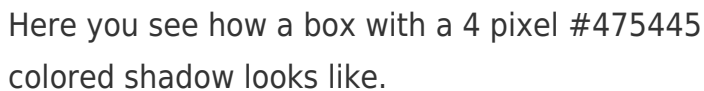
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#475445 }
```

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

```
.border{ border-color:#475445 }
```

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



Here you see how a box with a 4 pixel #475445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475445; -webkit-box-shadow:4px 4px  
4px 4px #475445; box-shadow:4px 4px 4px  
4px #475445 }
```

# Background

The CSS property to change the background color of an element to Decimal 4674629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475445 }
```

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

```
.background{ background-color:#475445 }
```

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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