

# Converting Colors

Decimal(7501429)

Have a look what the booklet for  
Decimal(7501429) contains.

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# Color

**Decimal(7501429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	727675
RGB	114, 118, 117
RGB Percent	45%, 46%, 46%
CMY	0.5529, 0.5373, 0.5412
CMYK	0.03, 0.00, 0.01, 0.54
HSL	165°, 2%, 45%
HSV	165°, 3%, 46%
XYZ	16.6287, 17.8186, 19.3925
YIQ	116.6900, -2.0630, -1.1590

# Conversions

## Conversions Part 2

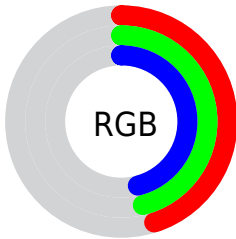
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	114, 116, 118
Decimal	7501429
CIE Lab	49.28, -1.71, 0.02
CIE LCh	49, 1.712, 179.422
Yxy	17.8186, 0.3089, 0.3310
Android (android.graphics.Color)	4285691509 (0xFF727675)
YUV	116.6900, 0.1528, -2.3591
Hunter-Lab	42.2121, -3.5542, 2.3103

# Details

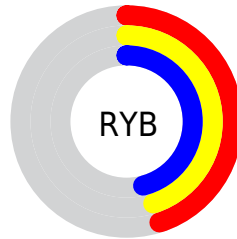
The Decimal color **7501429** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7762547**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **10922665**, and **4343365** is the 20% darker color. If you saturate the color by 10%, you get **6714994**, and if you desaturate by 10%, it is **8287864**.

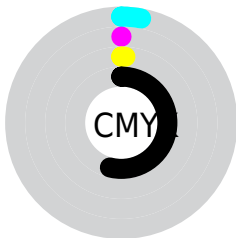
# Distribution



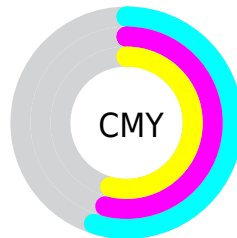
- Red (45%)
- Green (46%)
- Blue (46%)



- Red (45%)
- Yellow (45%)
- Blue (46%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



- Cyan (55%)
- Magenta (54%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7501429 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 7501429 by changing the saturation by 10% instead.





7501429



7501429

16777215



5922140



10922665



4343365



12699076



2895663



14541280



1579802



16383741



0



7501429



7501429



6714994



8287864



5928559



9074299



5207660



9795198

■ 4421225

■ 10581633

■ 3634790

■ 11368068

■ 2848355

■ 12154503

■ 2061920

■ 12940938

■ 1341021

■ 13661837

■ 554586

■ 14448272

# Harmonies

## Analogous

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



7566964



7501429



7501430

# Triad

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



7501429



7697784



7894387

# Complementary

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



7501429



7762547

# 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.



7894132



7501429



7828599

# Square

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



7501429



7632248



7894133



7763314

# Rectangle

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



7501429



7501431



7894133



7894131



# Sweetspot

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



7501429



9935257



7566962



5000524



13421772



5066061



# Same Dimension

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



7501429



9673111



7501174



3685178



31324



64187



# Inverse Universe

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



7762547



10064788



7762802



3881016



7995423



16384062



# Previews

## White Background



This preview shows how the Decimal color 7501429 looks on a white background.

## Color Contrast Check

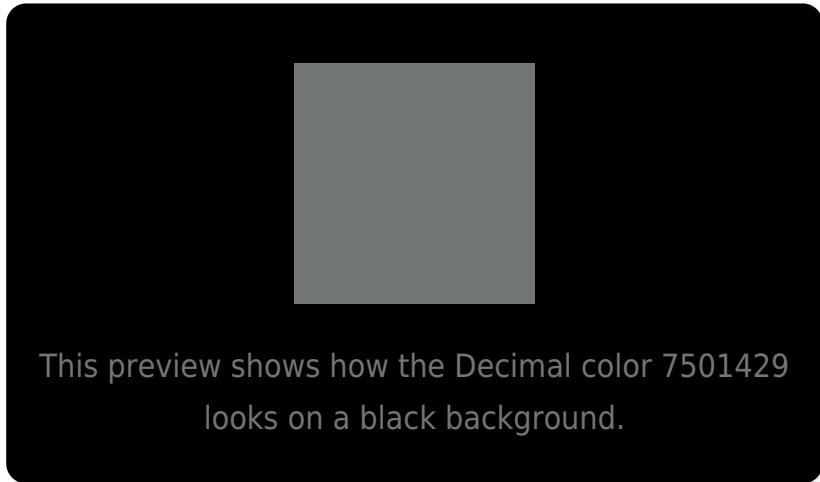
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

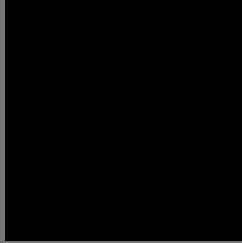
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

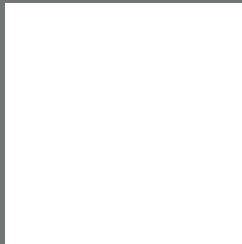
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7501429 Background



This preview shows how black text looks on a background with the Decimal color 7501429.



This preview shows how white text looks on a background with the Decimal color 7501429.

# 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**  
7501429

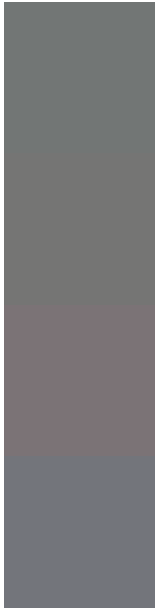
**Protanopia**  
7828596

**Deuteranopia**  
8417654



**Tritanopia**  
7566718

# Trichromacy



**Original Color**

7501429

**Protanomaly**

7697780

**Deuteranomaly**

8090486

**Tritanomaly**

7566715

# Monochromacy



**Original Color**

7501429

**Achromatopsia**

7697781

**Achromatomaly**

7632245

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7501429 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 #727675 looks like.

```
.text, #text, p{  
    color:#727675  
}
```

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 #727675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727675
}
```

## Border

The CSS property to change the border of an element to Decimal 7501429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

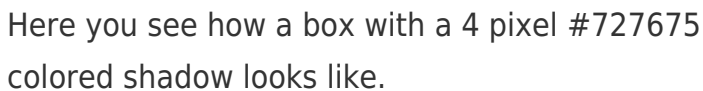
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#727675 }
```

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

```
.border{ border-color:#727675 }
```

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



Here you see how a box with a 4 pixel #727675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727675; -webkit-box-shadow:4px 4px  
4px 4px #727675; box-shadow:4px 4px 4px  
4px #727675 }
```

# Background

The CSS property to change the background color of an element to Decimal 7501429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727675 }
```

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

```
.background{ background-color:#727675 }
```

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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