

# Converting Colors

Decimal(6966369)

Have a look what the booklet for  
Decimal(6966369) contains.

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# Color

**Decimal(6966369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A4C61
RGB	106, 76, 97
RGB Percent	42%, 30%, 38%
CMY	0.5843, 0.7020, 0.6196
CMYK	0.00, 0.28, 0.08, 0.58
HSL	318°, 16%, 36%
HSV	318°, 28%, 42%
XYZ	10.6860, 9.0961, 12.5018
YIQ	87.3640, 11.1390, 12.8910

# Conversions

## Conversions Part 2

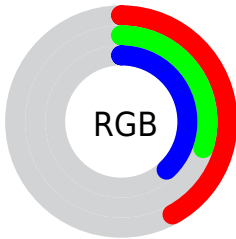
Format	Color
R <sub>YB</sub>	106, 76, 97
Decimal	6966369
CIE Lab	36.17, 16.46, -7.26
CIE LCh	36, 17.987, 336.189
Yxy	9.0961, 0.3310, 0.2818
Android (android.graphics.Color)	4285156449 (0xFF6A4C61)
YUV	87.3640, 4.7505, 16.3438
Hunter-Lab	30.1598, 10.4651, -3.4649

# Details

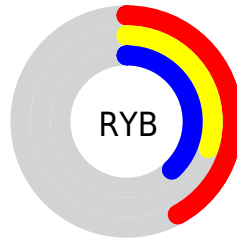
The Decimal color **6966369** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5007957**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **10386836**, and **3809075** is the 20% darker color. If you saturate the color by 10%, you get **6963550**, and if you desaturate by 10%, it is **6969188**.

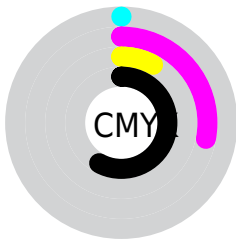
# Distribution



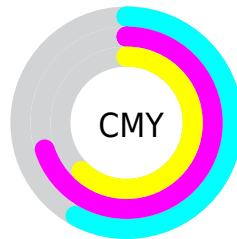
- Red (42%)
- Green (30%)
- Blue (38%)



- Red (42%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6966369 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 6966369 by changing the saturation by 10% instead.



6966369

6966369

16777215

5387593

10386836

3809075

12162990

2361886

14004938

2

15847142

0

16771839

6966369

6966369

6963550

6969188

6960987

6971751

6958167

6974571

6955604

6977134

6952785

6979953

6949966

6982772

6947403

6985335

6946890

6988154

6990718

# Harmonies

## Analogous

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



5984364



6966369



7424595

# Triad

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



6966369



6051128



2579558

# Complementary

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



6966369



5007957

# 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.



2973016



6966369



5069117

# Square

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



6966369



6901819



3955785



3299951

# Rectangle

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



6966369



7490377



3955785



2579809



# Sweetspot

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



6966369



9076614



5590122



4537923



12895428



4539717



# Same Dimension

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



6966369



9067388



6966354



3551284



7667794



16056491



# Inverse Universe

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



6966369



9067388



5007972



3551284



7667794



16056491



# Previews

## White Background



This preview shows how the Decimal color 6966369 looks on a white background.

## Color Contrast Check

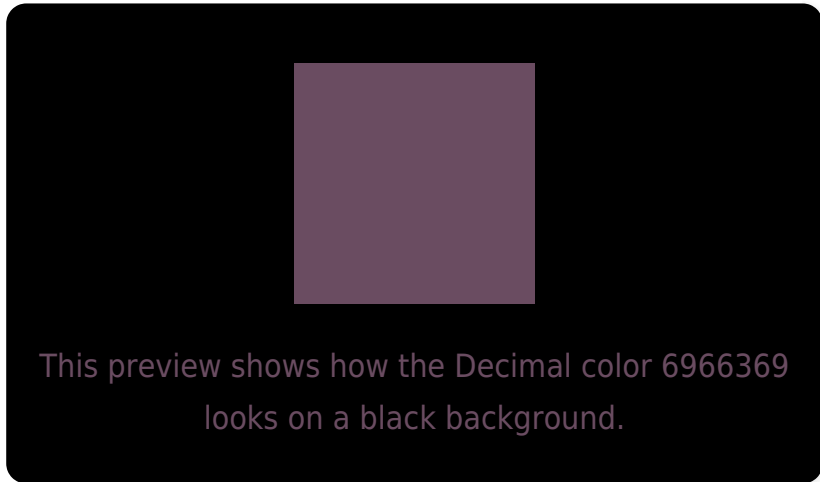
Large Text (above 18pt) WCAG AA ✓ Pass

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

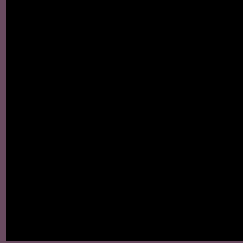
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6966369 Background



This preview shows how black text looks on a background with the Decimal color 6966369.



This preview shows how white text looks on a background with the Decimal color 6966369.

# 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**  
6966369

**Protanopia**  
5330279

**Deuteranopia**  
5854048



**Tritanopia**  
6835796

# Trichromacy



**Original Color**  
6966369

**Protanomaly**  
5919333

**Deuteranomaly**  
6246496

**Tritanomaly**  
6901081

# Monochromacy



**Original Color**  
6966369

**Achromatopsia**  
5723991

**Achromatomaly**  
6181723

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6966369 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 #6A4C61 looks like.

```
.text, #text, p{  
    color:#6A4C61  
}
```

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 #6A4C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4C61  
}
```

## Border

The CSS property to change the border of an element to Decimal 6966369 is called "border". The border property can be set on classes, ids or directly on the HTML element.

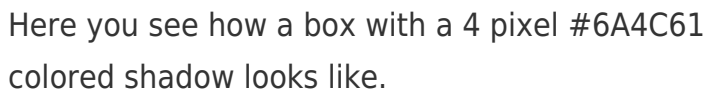
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A4C61 }
```

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

```
.border{ border-color:#6A4C61 }
```

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



Here you see how a box with a 4 pixel #6A4C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4C61; -webkit-box-shadow:4px 4px  
4px 4px #6A4C61; box-shadow:4px 4px 4px  
4px #6A4C61 }
```

# Background

The CSS property to change the background color of an element to Decimal 6966369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4C61 }
```

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

```
.background{ background-color:#6A4C61 }
```

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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