

# Converting Colors

Decimal(7426925)

Have a look what the booklet for  
Decimal(7426925) contains.

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**Color**

**Decimal(7426925)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71536D
RGB	113, 83, 109
RGB Percent	44%, 33%, 43%
CMY	0.5569, 0.6745, 0.5725
CMYK	0.00, 0.27, 0.04, 0.56
HSL	308°, 15%, 38%
HSV	308°, 27%, 44%
XYZ	12.6636, 10.8014, 15.8854
YIQ	94.9340, 9.5340, 14.4460

# Conversions

## Conversions Part 2

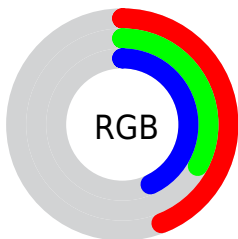
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 83, 109
Decimal	7426925
CIE <sub>Lab</sub>	39.24, 17.25, -10.04
CIE <sub>LCh</sub>	39, 19.962, 329.807
Yxy	10.8014, 0.3218, 0.2745
Android (android.graphics.Color)	4285617005 (0xFF71536D)
YUV	94.9340, 6.9345, 15.8439
Hunter-Lab	32.8654, 11.2648, -5.6519

# Details

The Decimal color **7426925** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5468503**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **10847649**, and **4269629** is the 20% darker color. If you saturate the color by 10%, you get **7424107**, and if you desaturate by 10%, it is **7429743**.

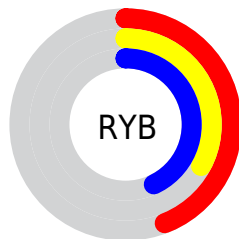
# Distribution



Red (44%)

Green (33%)

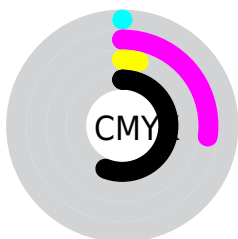
Blue (43%)



Red (44%)

Yellow (33%)

Blue (43%)

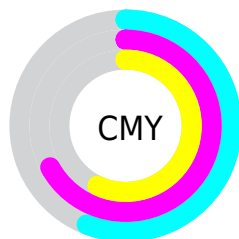


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (56%)



Cyan (56%)

Magenta (67%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7426925 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 7426925 by changing the saturation by 10% instead.





7426925



7426925

16777215



5782613



10847649



4269629



12623804



2756904



14465751



1441811



16373492



0



16773887



7426925



7426925



7424107



7429743



7421034



7432816

7418216

7435634

7415399

7438451

7412581

7441269

7409508

7444342

7406690

7447160

7405666

7449977

7453051

# Harmonies

## Analogous

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



6248569



7426925



8081501

# Triad

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



7426925



6839100



2581868

# Complementary

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



7426925



5468503

# 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.



3237212



7426925



5726272

# Square

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



7426925



7689793



4482124



3170936

# Rectangle

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



7426925



8212818



4482124



2712935



# Sweetspot

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



7426925



9734290



5722993



4866889



13224393



4868682



# Same Dimension

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



7426925



9725326



7426910



3682871



7864424



16187606



# Inverse Universe

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



7426925



9725326



5468518



3682871



7864424

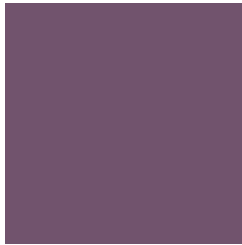


16187606



# Previews

## White Background



This preview shows how the Decimal color 7426925 looks on a white background.

## Color Contrast Check

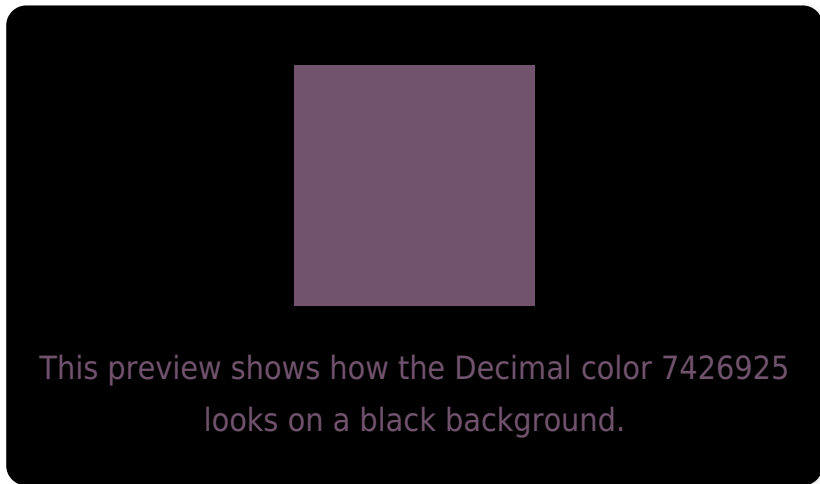
Large Text (above 18pt) WCAG AA ✓ Pass

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

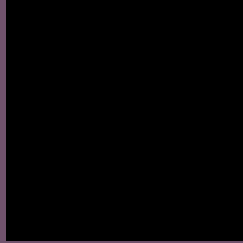
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7426925 Background



This preview shows how black text looks on a background with the Decimal color 7426925.



This preview shows how white text looks on a background with the Decimal color 7426925.

# 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**

7426925

**Protanopia**

5725299

**Deuteranopia**

6183532



**Tritanopia**  
7296605

# Trichromacy



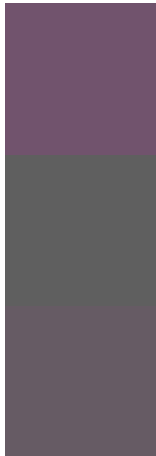
**Original Color**  
7426925

**Protanomaly**  
6314353

**Deuteranomaly**  
6641516

**Tritanomaly**  
7361891

# Monochromacy



**Original Color**  
7426925

**Achromatopsia**  
6250335

**Achromatomaly**  
6708068

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7426925 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 #71536D looks like.

```
.text, #text, p{  
    color:#71536D  
}
```

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 #71536D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71536D
}
```

## Border

The CSS property to change the border of an element to Decimal 7426925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

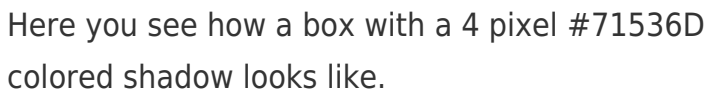
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71536D }
```

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

```
.border{ border-color:#71536D }
```

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



Here you see how a box with a 4 pixel #71536D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71536D; -webkit-box-shadow:4px 4px  
4px 4px #71536D; box-shadow:4px 4px 4px  
4px #71536D }
```

# Background

The CSS property to change the background color of an element to Decimal 7426925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71536D }
```

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

```
.background{ background-color:#71536D }
```

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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