

# Converting Colors

Decimal(7421316)

Have a look what the booklet for  
Decimal(7421316) contains.

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**Color**

**Decimal(7421316)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713D84
RGB	113, 61, 132
RGB Percent	44%, 24%, 52%
CMY	0.5569, 0.7608, 0.4824
CMYK	0.14, 0.54, 0.00, 0.48
HSL	284°, 37%, 38%
HSV	284°, 54%, 52%
XYZ	12.6437, 8.5141, 22.8068
YIQ	84.6420, 8.2010, 33.1050

# Conversions

## Conversions Part 2

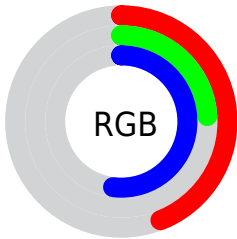
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 61, 132
Decimal	7421316
CIE <sub>Lab</sub>	35.03, 35.28, -30.79
CIE <sub>LCh</sub>	35, 46.824, 318.883
Yxy	8.5141, 0.2876, 0.1937
Android (android.graphics.Color)	4285611396 (0xFF713D84)
YUV	84.6420, 23.3475, 24.8700
Hunter-Lab	29.1790, 26.2832, -25.9168




# Details

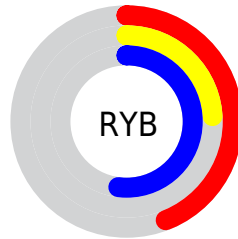
The Decimal color **7421316** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5276733**, and the grayscale version is **5526612**.




A 20% lighter version of the original color is **10907577**, and **4066386** is the 20% darker color. If you saturate the color by 10%, you get **7155844**, and if you desaturate by 10%, it is **7686788**.

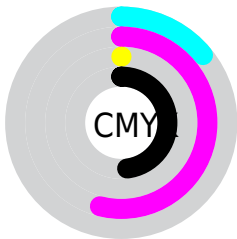
# Distribution







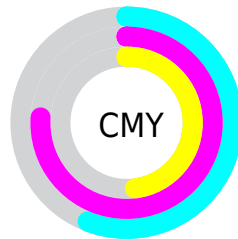
-  Red (44%)
-  Green (24%)
-  Blue (52%)






-  Red (44%)
-  Yellow (24%)
-  Blue (52%)



-  Cyan (14%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (56%)
-  Magenta (76%)
-  Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7421316 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 7421316 by changing the saturation by 10% instead.



■ 7421316

■ 7421316

16777215

■ 5711211

■ 10907577

■ 4066386

■ 12749269

■ 2555963

■ 14656498

■ 524324

■ 16564223

■ 12

■ 16767999

■ 0

■ 16775423

■ 7421316

■ 7421316

■ 7155844

■ 7686788

6955908

7886724

6690180

8152452

6490244

8352388

6357124

8617860

8817796

9083268

9283460

9548932

# Harmonies

## Analogous

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



3296922



7421316



9317730

# Triad

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



7421316



7293952



25450

# Complementary

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



7421316



5276733

# 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.



25411



7421316



5068800

# Square

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



7421316



8928026



1859357



24970

# Rectangle

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



7421316



9710409



1859357



25437



# Sweetspot

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



7421316



10784939



4018564



5391959



14079702



5723991



# Same Dimension

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



7421316



9256107



8666485



4275266



6226050



131075



# Inverse Universe

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



8666448



11222106



4031564



4340797



8519715

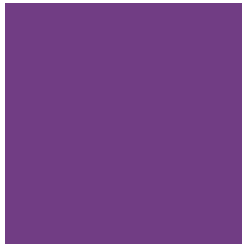


196609



# Previews

## White Background



This preview shows how the Decimal color 7421316 looks on a white background.

## Color Contrast Check

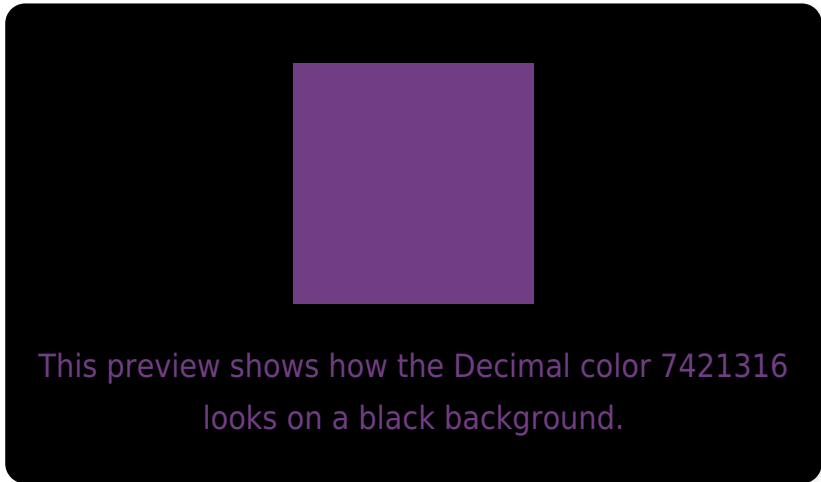
Large Text (above 18pt) WCAG AA ✓ Pass

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

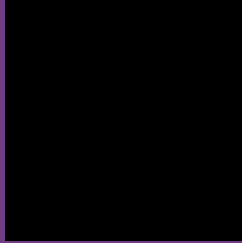
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7421316 Background



This preview shows how black text looks on a background with the Decimal color 7421316.



This preview shows how white text looks on a background with the Decimal color 7421316.

# 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





**Tritanopia**  
6900304

# Trichromacy



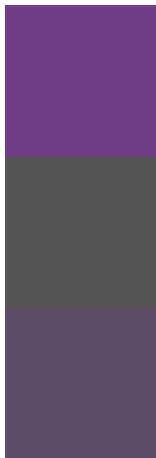
**Original Color**  
7421316

**Protanomaly**  
4737679

**Deuteranomaly**  
5196673

**Tritanomaly**  
7095651

# Monochromacy



**Original Color**  
7421316

**Achromatopsia**  
5592405

**Achromatomaly**  
6245478

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7421316 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 #713D84 looks like.

```
.text, #text, p{  
    color:#713D84  
}
```

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 #713D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713D84
}
```

## Border

The CSS property to change the border of an element to Decimal 7421316 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
#713D84 }
```

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

```
.border{ border-color:#713D84 }
```

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

Here you see how a box with a 4 pixel #713D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713D84; -webkit-box-shadow:4px 4px  
4px 4px #713D84; box-shadow:4px 4px 4px  
4px #713D84 }
```

# Background

The CSS property to change the background color of an element to Decimal 7421316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713D84 }
```

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

```
.background{ background-color:#713D84 }
```

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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