

# Converting Colors

Decimal(7426816)

Have a look what the booklet for  
Decimal(7426816) contains.

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**Color**

**Decimal(7426816)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 715300                     |
| RGB           | 113, 83, 0                 |
| RGB Percent   | 44%, 33%, 0%               |
| CMY           | 0.5569, 0.6745, 1.0000     |
| CMYK          | 0.00, 0.27, 1.00, 0.56     |
| HSL           | 44°, 100%, 22%             |
| HSV           | 44°, 100%, 44%             |
| XYZ           | 9.9033, 9.6972, 1.3498     |
| YIQ           | 82.5080, 44.5230, -19.4530 |

# Conversions

## Conversions Part 2

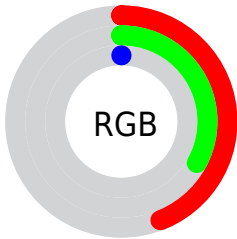
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">41, 113, 0</a>                                   |
| Decimal                             | <a href="#">7426816</a>                                      |
| CIELab                              | <a href="#">37.29, 5.57, 45.60</a>                           |
| CIELCh                              | <a href="#">37, 45.936, 83.040</a>                           |
| Yxy                                 | <a href="#">9.6972, 0.4727, 0.4629</a>                       |
| Android<br>(android.graphics.Color) | <a href="#">4285616896</a><br>( <a href="#">0xFF715300</a> ) |
| YUV                                 | <a href="#">82.5080, -40.6764, 26.7415</a>                   |
| Hunter-Lab                          | <a href="#">31.1404, 2.2712, 19.2283</a>                     |

# Details

The Decimal color **7426816** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7793**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **11109431**, and **3942144** is the 20% darker color. If you saturate the color by 10%, you get **7426816**, and if you desaturate by 10%, it is **7427595**.

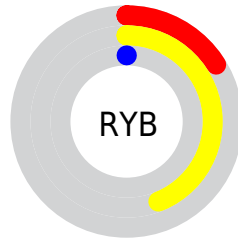
# Distribution



Red (44%)

Green (33%)

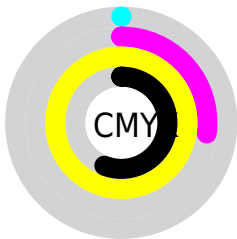
Blue (0%)



Red (16%)

Yellow (44%)

Blue (0%)

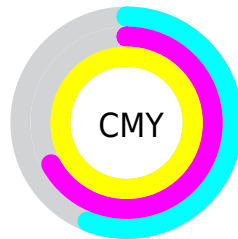


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7426816 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 7426816 by changing the saturation by 10% instead.



 7426816

 7426816

 16777203

 5716992

 11109431

 3942144

 12951120

 2298624

 14924138

 0

 16766340

 16773534

 16777146

 16777174

 7426816

 7427595

 7428375

 7429154

 7429933

 7430713

 7431492

 7432271

 7433050

 7433830

# Harmonies

## Analogous

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



9126940



7426816



5135878

# Triad

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



7426816



26996



8143237

# Complementary

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



7426816



7793

# 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.



4608668



7426816



26259

# Square

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



7426816



26702



24481



9778018

# Rectangle

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



7426816



3171101



24481



7227022



# Sweetspot

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



7426816



9734248



7405598



4866863



13224393



4868682



# Same Dimension

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



7426816



9727232



5730560



3684146



7886848



16233984



# Inverse Universe

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



7793



10132



1704049



3290168



8312

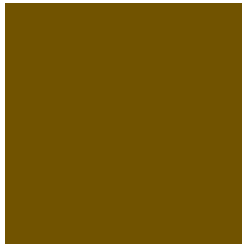


17143



# Previews

## White Background



This preview shows how the Decimal color 7426816 looks on a white background.

## Color Contrast Check

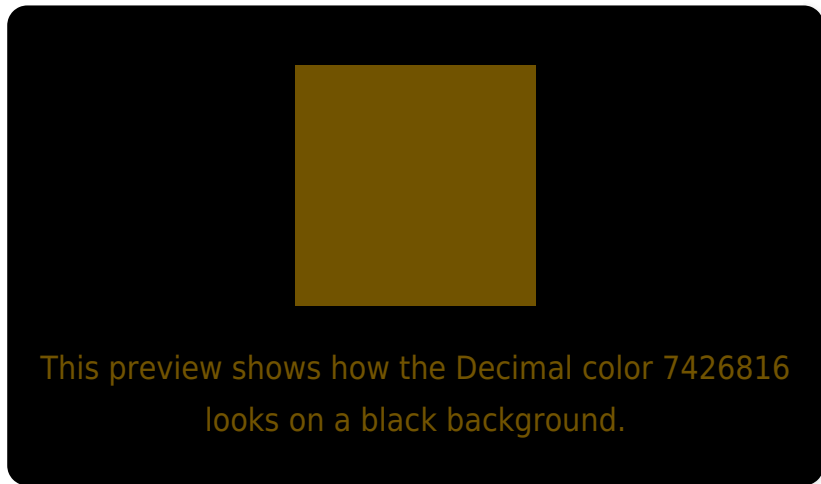
Large Text (above 18pt) WCAG AA ✓ Pass

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 7426816 Background



This preview shows how black text looks on a background with the Decimal color 7426816.



This preview shows how white text looks on a background with the Decimal color 7426816.

# 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**

7426816

**Protanopia**

6576134

**Deuteranopia**

7361536



**Tritanopia**  
7687507

# Trichromacy



**Original Color**  
7426816

**Protanomaly**  
6903300

**Deuteranomaly**  
7361536

**Tritanomaly**  
7622453

# Monochromacy



**Original Color**  
7426816

**Achromatopsia**  
5460819

**Achromatomaly**  
6181685

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7426816 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 #715300 looks like.

```
.text, #text, p{  
  color:#715300  
}
```

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 #715300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #715300
}
```

## Border

The CSS property to change the border of an element to Decimal 7426816 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
#715300 }
```

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

```
.border{ border-color:#715300 }
```

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

Here you see how a box with a 4 pixel #715300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #715300; -webkit-box-shadow:4px 4px  
4px 4px #715300; box-shadow:4px 4px 4px  
4px #715300 }
```

# Background

The CSS property to change the background color of an element to Decimal 7426816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#715300 }
```

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

```
.background{ background-color:#715300 }
```

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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