

# Converting Colors

Decimal(7415904)

Have a look what the booklet for  
Decimal(7415904) contains.

<b>Decimal(7415904)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(7415904)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	712860
RGB	113, 40, 96
RGB Percent	44%, 16%, 38%
CMY	0.5569, 0.8431, 0.6235
CMYK	0.00, 0.65, 0.15, 0.56
HSL	314°, 48%, 30%
HSV	314°, 65%, 44%
XYZ	9.6802, 5.8728, 11.6897
YIQ	68.2110, 25.5320, 32.8920

# Conversions

## Conversions Part 2

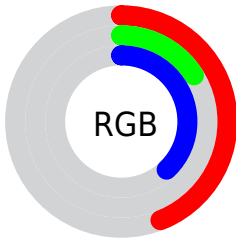
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 40, 96
Decimal	7415904
CIE <sub>Lab</sub>	29.09, 39.15, -17.32
CIE <sub>LCh</sub>	29, 42.807, 336.140
Yxy	5.8728, 0.3553, 0.2156
Android (android.graphics.Color)	4285605984 (0xFF712860)
YUV	68.2110, 13.7000, 39.2800
Hunter-Lab	24.2339, 28.8920, -11.6360

# Details

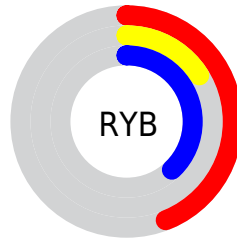
The Decimal color **7415904** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2650425**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **10967699**, and **4063281** is the 20% darker color. If you saturate the color by 10%, you get **7413085**, and if you desaturate by 10%, it is **7418723**.

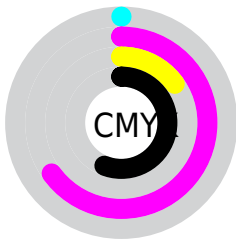
# Distribution



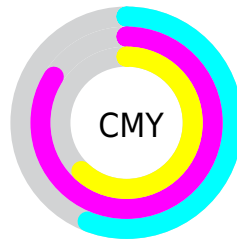
- Red (44%)
- Green (16%)
- Blue (38%)



- Red (44%)
- Yellow (16%)
- Blue (38%)



- Cyan (0%)
- Magenta (65%)
- Yellow (15%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7415904 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 7415904 by changing the saturation by 10% instead.



■ 7415904

■ 7415904

16777215

■ 5704776

■ 10967699

■ 4063281

■ 12809389

■ 2687005

■ 14716617

■ 0

■ 16624357

■ 16762367

■ 16769791

■ 7415904

■ 7415904

■ 7413085

■ 7418723

7410011

7421797

7407192

7424616

7405655

7427435

7430509

7433328

7436146

7438965

7442040

# Harmonies

## Analogous

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



5060730



7415904



8331327

# Triad

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



7415904



5129472



21355

# Complementary

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



7415904



2650425

# 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.



21323



7415904



2772229

# Square

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



7415904



6830337



21032



20353

# Rectangle

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



7415904



8201514



21032



21345



# Sweetspot

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



7415904



9730189



3680369



4864326



13224393



4868682



# Same Dimension

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



7415904



9707897



7415869



3682871



7864412



16187582



# Inverse Universe

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



7415904



9707897



2650460



3682871



7864412

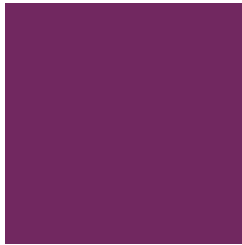


16187582



# Previews

## White Background



This preview shows how the Decimal color 7415904 looks on a white background.

## Color Contrast Check

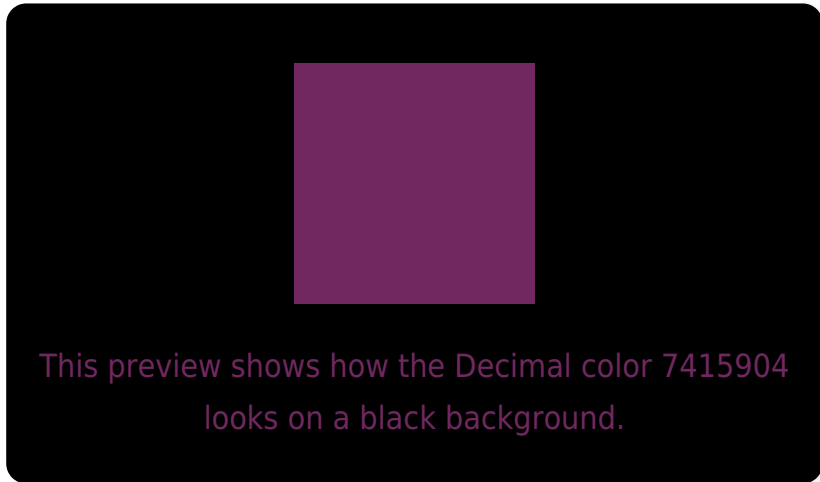
Large Text (above 18pt) WCAG AA ✓ Pass

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

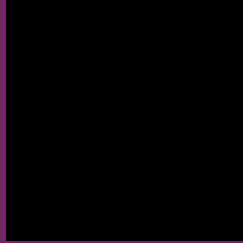
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7415904 Background



This preview shows how black text looks on a background with the Decimal color 7415904.

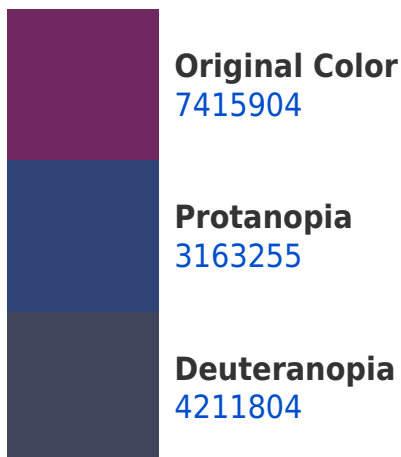



This preview shows how white text looks on a background with the Decimal color 7415904.

# 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**  
7156535

# Trichromacy



**Original Color**  
7415904

**Protanomaly**  
4733551

**Deuteranomaly**  
5388893

**Tritanomaly**  
7221062

# Monochromacy



**Original Color**  
7415904

**Achromatopsia**  
4473924

**Achromatomaly**  
5519950

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7415904 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 #712860 looks like.

```
.text, #text, p{  
    color:#712860  
}
```

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 #712860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712860
}
```

## Border

The CSS property to change the border of an element to Decimal 7415904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

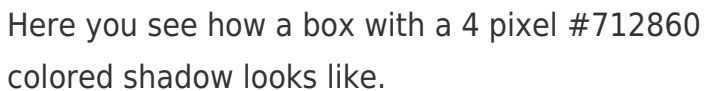
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712860 }
```

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

```
.border{ border-color:#712860 }
```

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



Here you see how a box with a 4 pixel #712860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712860; -webkit-box-shadow:4px 4px  
4px 4px #712860; box-shadow:4px 4px 4px  
4px #712860 }
```

# Background

The CSS property to change the background color of an element to Decimal 7415904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712860 }
```

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

```
.background{ background-color:#712860 }
```

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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