

Converting Colors

Decimal(7412288)

Have a look what the booklet for
Decimal(7412288) contains.

Decimal(7412288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7412288)

Conversions

Conversions Part 1

Format	Color
Hex	711A40
RGB	113, 26, 64
RGB Percent	44%, 10%, 25%
CMY	0.5569, 0.8980, 0.7490
CMYK	0.00, 0.77, 0.43, 0.56
HSL	334°, 63%, 27%
HSV	334°, 77%, 44%
XYZ	8.1049, 4.6197, 5.3150
YIQ	56.3450, 39.6540, 30.2620

Conversions

Conversions Part 2

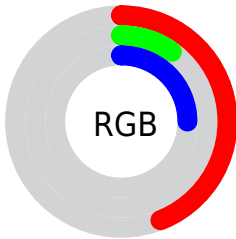
Format	Color
RYB	113, 26, 64
Decimal	7412288
CIELab	25.62, 40.67, -1.33
CIElCh	26, 40.690, 358.126
Yxy	4.6197, 0.4493, 0.2561
Android (android.graphics.Color)	4285602368 (0xFF711A40)
YUV	56.3450, 3.7739, 49.6864
Hunter-Lab	21.4934, 29.6964, 0.3839

Details

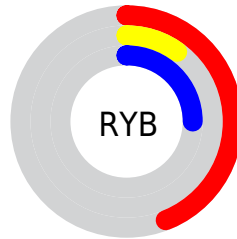
The Decimal color **7412288** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1732939**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **11030128**, and **3932182** is the 20% darker color. If you saturate the color by 10%, you get **7409466**, and if you desaturate by 10%, it is **7415110**.

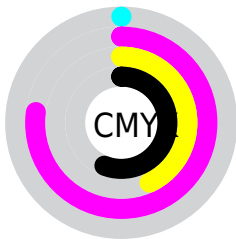
Distribution



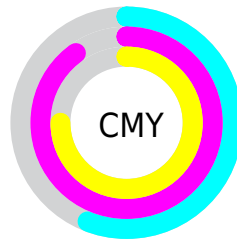
- Red (44%)
- Green (10%)
- Blue (25%)



- Red (44%)
- Yellow (10%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (43%)
- Black (56%)



- Cyan (56%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7412288 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 7412288 by changing the saturation by 10% instead.

 7412288

 7412288

16777215

 5636138

 11030128

 3932182

 12937353

 2359297

 14844579

 0

 16752062

 16759258

 16766454

 16773887

 7412288

 7412288

■ 7409466

■ 7415110

■ 7406387

■ 7418189

■ 7405617

■ 7421011

■ 7423833

■ 7426656

■ 7429734

■ 7432557

■ 7435379

■ 7438457

Harmonies

Analogous

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



6235742



7412288



7413538

Triad

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



7412288



3031808



18545

Complementary

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



7412288



1732939

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.



19033



7412288



18458

Square

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



7412288



5061376



19002



16763

Rectangle

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



7412288



6891790



19002



18794

Sweetspot

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



7412288



9728641



4856433



4863294



13224393



4868682

Same Dimension

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



7412288



9702471



7413274



3682869



7864372



16187500

Inverse Universe

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



7412288



9702471



1731953



3682869



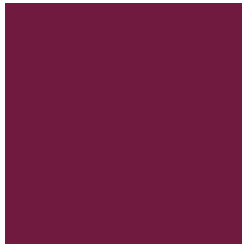
7864372



16187500

Previews

White Background



This preview shows how the Decimal color 7412288 looks on a white background.

Color Contrast Check

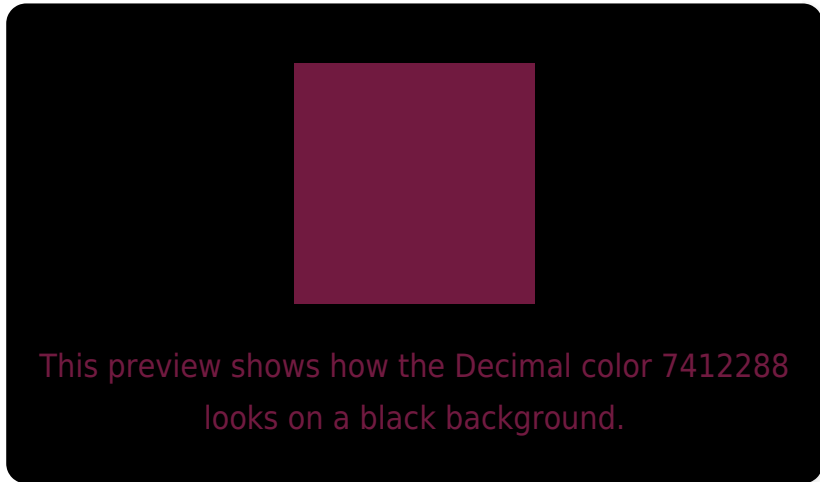
Large Text (above 18pt) WCAG AA ✓ Pass

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 7412288 Background



This preview shows how black text looks on a background with the Decimal color 7412288.



This preview shows how white text looks on a background with the Decimal color 7412288.

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

7412288

Protanopia

3620438

Deuteranopia

4537404

Trichromacy



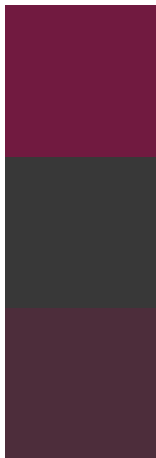
Original Color
7412288

Protanomaly
4993358

Deuteranomaly
5582909

Tritanomaly
7348014

Monochromacy



Original Color
7412288

Achromatopsia
3684408

Achromatomaly
5057851

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7412288 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 #711A40 looks like.

```
.text, #text, p{  
    color:#711A40  
}
```

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 #711A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #711A40
}
```

Border

The CSS property to change the border of an element to Decimal 7412288 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
#711A40 }
```

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

```
.border{ border-color:#711A40 }
```

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

Here you see how a box with a 4 pixel #711A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #711A40; -webkit-box-shadow:4px 4px  
4px 4px #711A40; box-shadow:4px 4px 4px  
4px #711A40 }
```

Background

The CSS property to change the background color of an element to Decimal 7412288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#711A40 }
```

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

```
.background{ background-color:#711A40 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor