

# Converting Colors

Decimal(7218242)

Have a look what the booklet for  
Decimal(7218242) contains.

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**Color**

**Decimal(7218242)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 6E2442                    |
| RGB         | 110, 36, 66               |
| RGB Percent | 43%, 14%, 26%             |
| CMY         | 0.5686, 0.8588, 0.7412    |
| CMYK        | 0.00, 0.67, 0.40, 0.57    |
| HSL         | 336°, 51%, 29%            |
| HSV         | 336°, 67%, 43%            |
| XYZ         | 8.0447, 4.9701, 5.6896    |
| YIQ         | 61.5460, 34.4740, 25.0180 |

# Conversions

## Conversions Part 2

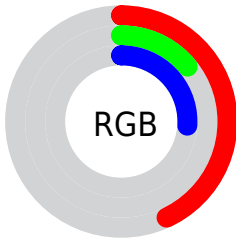
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 110, 36, 66                 |
| Decimal                             | 7218242                     |
| CIE <sub>Lab</sub>                  | 26.65, 35.70, -1.24         |
| CIE <sub>LCh</sub>                  | 27, 35.717, 358.013         |
| Yxy                                 | 4.9701, 0.4301,<br>0.2657   |
| Android<br>(android.graphics.Color) | 4285408322<br>(0xFF6E2442)  |
| YUV                                 | 61.5460, 2.1958,<br>42.4942 |
| Hunter-Lab                          | 22.2937, 25.3975,<br>0.4742 |

# Details

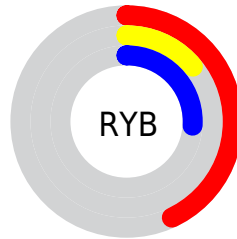
The Decimal color **7218242** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2387536**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **10770034**, and **3801112** is the 20% darker color. If you saturate the color by 10%, you get **7215419**, and if you desaturate by 10%, it is **7221065**.

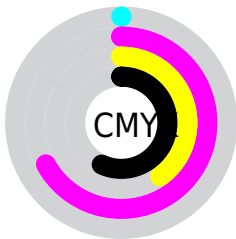
# Distribution



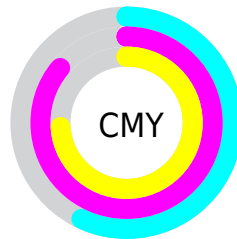
- Red (43%)
- Green (14%)
- Blue (26%)



- Red (43%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (67%)
- Yellow (40%)
- Black (57%)




- Cyan (57%)
- Magenta (86%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7218242 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 7218242 by changing the saturation by 10% instead.



 7218242

 7218242

16777215

 5507116

 10770034

 3801112

 12677003

 2293761

 14518694

 0


 16491713

 16761052

 16768249

 16775679

 7218242

 7218242

■ 7215419

■ 7221065

■ 7212597

■ 7223887

■ 7209774

■ 7226710

■ 7209005

■ 7229532

■ 7232355

■ 7235177

■ 7238000

■ 7240822

■ 7243645

# Harmonies

## Analogous

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



6171740



7218242



7218983

# Triad

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



7218242



3360008



18797

# Complementary

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



7218242



2387536

# 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.



19544



7218242



411937

# Square

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



7218242



5127424



19516



17270

# Rectangle

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



7218242



6827543



19516



19047



# Sweetspot

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



7218242



9400958



5186670



4666941



13092807



4671303



# Same Dimension

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



7218242



9378634



7219748



3682869



7864369



16187492



# Inverse Universe

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



7218242



9378634



2386030



3682869



7864369

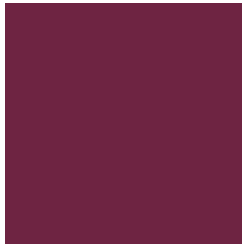


16187492



# Previews

## White Background



This preview shows how the Decimal color 7218242 looks on a white background.

## Color Contrast Check

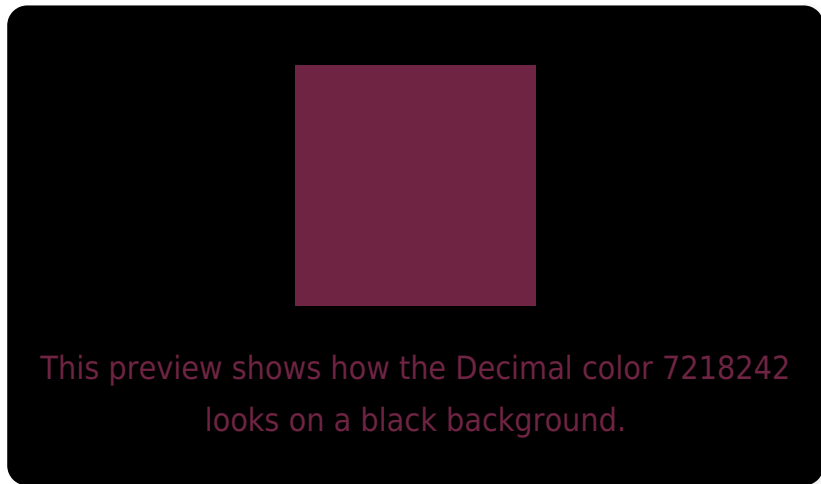
Large Text (above 18pt) WCAG AA ✓ Pass

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 7218242 Background



This preview shows how black text looks on a background with the Decimal color 7218242.



This preview shows how white text looks on a background with the Decimal color 7218242.

# 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**  
7218242

**Protanopia**  
3882835

**Deuteranopia**  
4668990



**Tritanopia**  
7088428

# Trichromacy



**Original Color**

7218242

**Protanomaly**

5125453

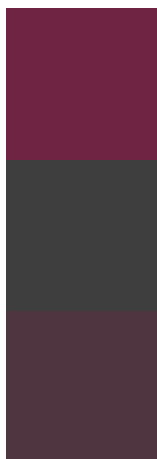
**Deuteranomaly**

5584191

**Tritanomaly**

7153460

# Monochromacy



**Original Color**

7218242

**Achromatopsia**

4079166

**Achromatomaly**

5190975

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7218242 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 #6E2442 looks like.

```
.text, #text, p{  
  color:#6E2442  
}
```

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 #6E2442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2442
}
```

## Border

The CSS property to change the border of an element to Decimal 7218242 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
#6E2442 }
```

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

```
.border{ border-color:#6E2442 }
```

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

Here you see how a box with a 4 pixel #6E2442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2442; -webkit-box-shadow:4px 4px  
4px 4px #6E2442; box-shadow:4px 4px 4px  
4px #6E2442 }
```

# Background

The CSS property to change the background color of an element to Decimal 7218242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2442 }
```

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

```
.background{ background-color:#6E2442 }
```

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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