

Converting Colors

Decimal(7012401)

Have a look what the booklet for
Decimal(7012401) contains.

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Color

Decimal(7012401)

Conversions

Conversions Part 1

Format	Color
Hex	6B0031
RGB	107, 0, 49
RGB Percent	42%, 0%, 19%
CMY	0.5804, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.54, 0.58
HSL	333°, 100%, 21%
HSV	333°, 100%, 42%
XYZ	6.6178, 3.3476, 3.2031
YIQ	37.5790, 48.0430, 37.9230

Conversions

Conversions Part 2

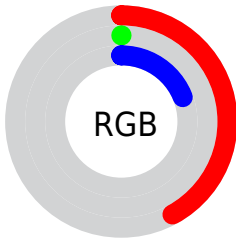
Format	Color
R_{YB}	107, 0, 49
Decimal	7012401
CIE Lab	21.39, 44.55, 2.72
CIE LCh	21, 44.636, 3.490
Yxy	3.3476, 0.5025, 0.2542
Android (android.graphics.Color)	4285202481 (0xFF6B0031)
YUV	37.5790, 5.6306, 60.8822
Hunter-Lab	18.2963, 32.5450, 2.4277

Details

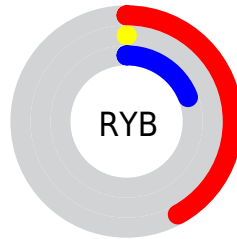
The Decimal color **7012401** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **27450**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **10698335**, and **3670017** is the 20% darker color. If you saturate the color by 10%, you get **7012401**, and if you desaturate by 10%, it is **7015223**.

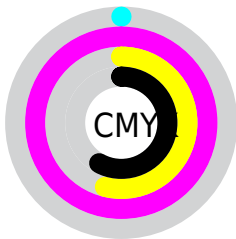
Distribution



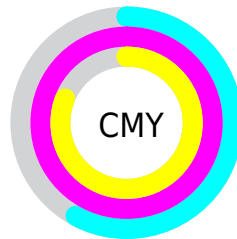
- Red (42%)
- Green (0%)
- Blue (19%)



- Red (42%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7012401 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 7012401 by changing the saturation by 10% instead.


 7012401

 7012401

16777215

 5242908

 10698335

 3670017

 12605815

 1179648

 14513041


 0

 16486060

 16755143

 16762339

 16769791

 7012401

■ 7015223

■ 7017789

■ 7020610

■ 7023432

■ 7026254

■ 7028820

■ 7031642

■ 7034463

■ 7037029

Harmonies

Analogous

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



6034257



7012401



6754577

Triad

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



7012401



1784576



15983

Complementary

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



7012401



27450

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.



16727



7012401



16147

Square

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



7012401



4010752



16694



14198

Rectangle

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



7012401



6168576



16694



16488

Sweetspot

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



7012401



9200245



3735659



4664889



13092807



4671303

Same Dimension

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



7012401



9175104



7013376



3551283



7667766



16056432

Inverse Universe

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



7012401



9175104



26475



3551283



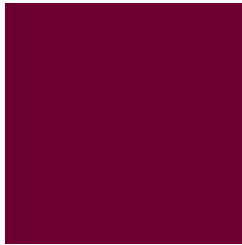
7667766



16056432

Previews

White Background



This preview shows how the Decimal color 7012401 looks on a white background.

Color Contrast Check

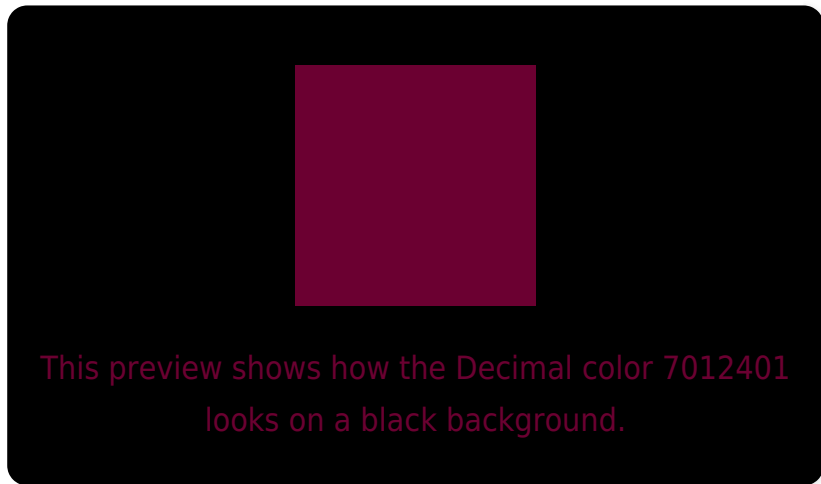
Large Text (above 18pt) WCAG AA ✓ Pass

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

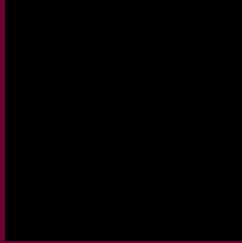
Any Text WCAG AA × Fail

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 7012401 Background



This preview shows how black text looks on a background with the Decimal color 7012401.

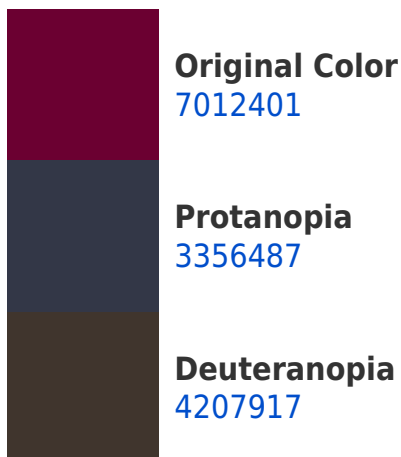


This preview shows how white text looks on a background with the Decimal color 7012401.

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



Trichromacy



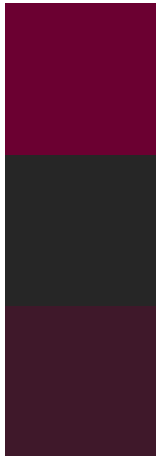
Original Color
7012401

Protanomaly
4662079

Deuteranomaly
5251630

Tritanomaly
6950174

Monochromacy



Original Color
7012401

Achromatopsia
2500134

Achromatomaly
4134954

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7012401 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 #6B0031 looks like.

```
.text, #text, p{  
  color:#6B0031  
}
```

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 #6B0031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0031
}
```

Border

The CSS property to change the border of an element to Decimal 7012401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

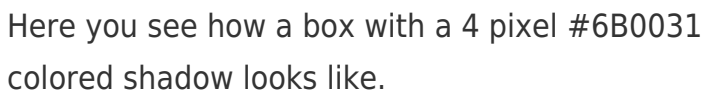
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0031 }
```

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

```
.border{ border-color:#6B0031 }
```

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



Here you see how a box with a 4 pixel #6B0031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0031; -webkit-box-shadow:4px 4px  
4px 4px #6B0031; box-shadow:4px 4px 4px  
4px #6B0031 }
```

Background

The CSS property to change the background color of an element to Decimal 7012401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0031 }
```

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

```
.background{ background-color:#6B0031 }
```

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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