

Converting Colors

Decimal(6490470)

Have a look what the booklet for
Decimal(6490470) contains.

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Color

Decimal(6490470)

Conversions

Conversions Part 1

Format	Color
Hex	630966
RGB	99, 9, 102
RGB Percent	39%, 4%, 40%
CMY	0.6118, 0.9647, 0.6000
CMYK	0.03, 0.91, 0.00, 0.60
HSL	298°, 84%, 22%
HSV	298°, 91%, 40%
XYZ	7.6416, 3.8073, 12.9025
YIQ	46.5120, 23.7870, 48.0030

Conversions

Conversions Part 2

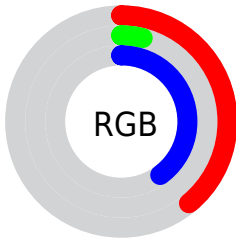
Format	Color
RYB	99, 9, 102
Decimal	6490470
CIELab	23.02, 47.59, -30.95
CIElCh	23, 56.773, 326.962
Yxy	3.8073, 0.3138, 0.1563
Android (android.graphics.Color)	4284680550 (0xFF630966)
YUV	46.5120, 27.3556, 46.0320
Hunter-Lab	19.5124, 35.7585, -25.5467

Details

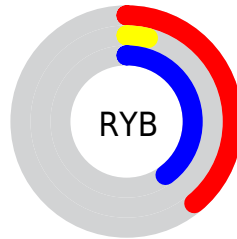
The Decimal color **6490470** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **812553**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **10044570**, and **3211318** is the 20% darker color. If you saturate the color by 10%, you get **6488166**, and if you desaturate by 10%, it is **6493030**.

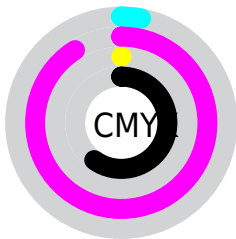
Distribution



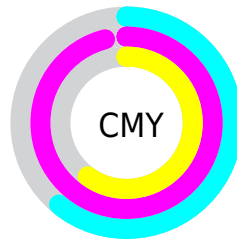
- Red (39%)
- Green (4%)
- Blue (40%)



- Red (39%)
- Yellow (4%)
- Blue (40%)



- Cyan (3%)
- Magenta (91%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6490470 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 6490470 by changing the saturation by 10% instead.

6490470

6490470

16777215

4784206

10044570

3211318

11886261

1310752

13727952

4

15635437

0

16756735

16763903

16771071

6490470

6490470

■ 6488166

■ 6493030

■ 6561126

■ 6563942

■ 6566502

■ 6634598

■ 6637158

■ 6639718

■ 6708070

■ 6710630

Harmonies

Analogous

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



1715844



6490470



8060989

Triad

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



6490470



4731904



18525

Complementary

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



6490470



812553

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.



18225



6490470



1982208

Square

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



6490470



6757888



17664



18047

Rectangle

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



6490470



8192034



17664



18255

Sweetspot

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



6490470



8610181



592998



4336962



12763842



4342338

Same Dimension

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



6490470



8388741



6687035



3354163



7274611



15335666

Inverse Universe

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



6686988



8716292



615988



3354158



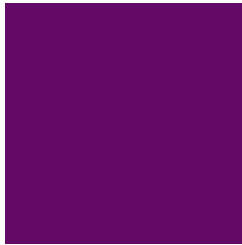
7536644



15859720

Previews

White Background



This preview shows how the Decimal color 6490470 looks on a white background.

Color Contrast Check

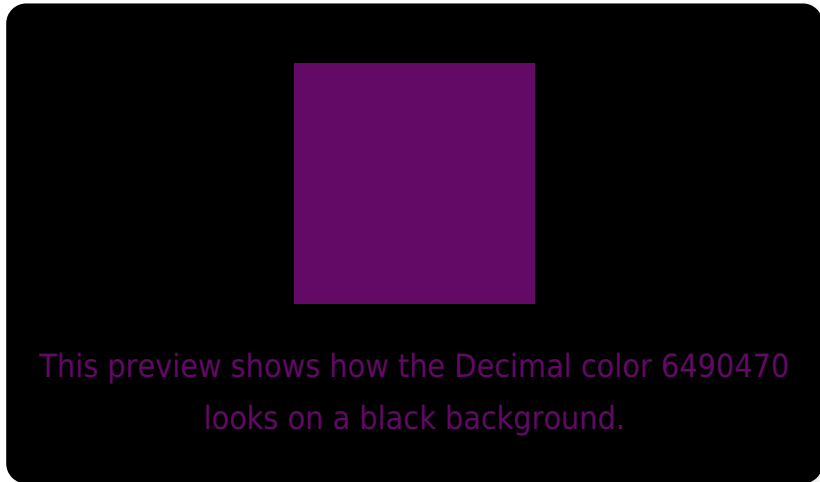
Large Text (above 18pt) WCAG AA ✓ Pass

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

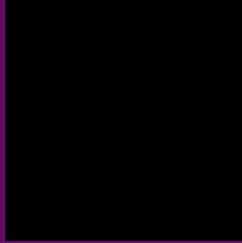
Any Text WCAG AA × Fail

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 6490470 Background



This preview shows how black text looks on a background with the Decimal color 6490470.




This preview shows how white text looks on a background with the Decimal color 6490470.

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
6039851

Trichromacy



Original Color
6490470

Protanomaly
2369392

Deuteranomaly
3680354

Tritanomaly
6233408

Monochromacy



Original Color
6490470

Achromatopsia
3092271

Achromatomaly
4333891

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6490470 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 #630966 looks like.

```
.text, #text, p{  
    color:#630966  
}
```

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 #630966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630966
}
```

Border

The CSS property to change the border of an element to Decimal 6490470 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".

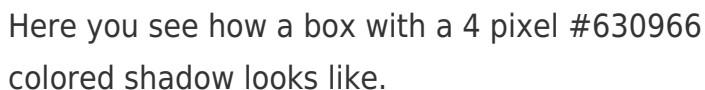
```
.border, #border, table{ border:4px solid
#630966 }
```

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

```
.border{ border-color:#630966 }
```

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

Here you see how a box with a 4 pixel #630966 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630966; -webkit-box-shadow:4px 4px  
4px 4px #630966; box-shadow:4px 4px 4px  
4px #630966 }
```

Background

The CSS property to change the background color of an element to Decimal 6490470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630966 }
```

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

```
.background{ background-color:#630966 }
```

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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