

Converting Colors

Decimal(6372496)

Have a look what the booklet for
Decimal(6372496) contains.

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Color

Decimal(6372496)

Conversions

Conversions Part 1

Format	Color
Hex	613C90
RGB	97, 60, 144
RGB Percent	38%, 24%, 56%
CMY	0.6196, 0.7647, 0.4353
CMYK	0.33, 0.58, 0.00, 0.44
HSL	266°, 41%, 40%
HSV	266°, 58%, 56%
XYZ	11.5797, 7.7867, 27.2782
YIQ	80.6390, -4.9120, 33.9680

Conversions

Conversions Part 2

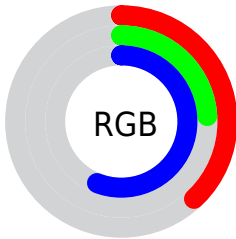
Format	Color
RYB	97, 60, 144
Decimal	6372496
CIELab	33.53, 34.36, -40.68
CIElCh	34, 53.245, 310.187
Yxy	7.7867, 0.2483, 0.1669
Android (android.graphics.Color)	4284562576 (0xFF613C90)
YUV	80.6390, 31.2370, 14.3486
Hunter-Lab	27.9047, 25.2393, -38.4256

Details

The Decimal color **6372496** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7049276**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **9858502**, and **2952541** is the 20% darker color. If you saturate the color by 10%, you get **5844624**, and if you desaturate by 10%, it is **6900368**.

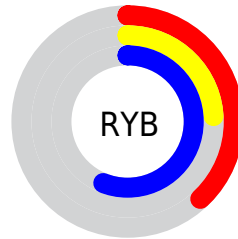
Distribution



Red (38%)

Green (24%)

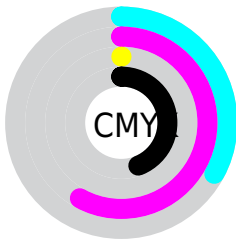
Blue (56%)



Red (38%)

Yellow (24%)

Blue (56%)

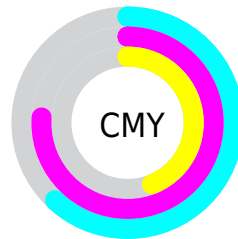


Cyan (33%)

Magenta (58%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6372496 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 6372496 by changing the saturation by 10% instead.

6372496

6372496

16777215

4662646

9858502

2952541

11700195

1310789

13541887

46

15449599

280

16767487

0

16774655

6372496

6372496

5844624

6900368

■ 5316496

■ 7428496

■ 4788624

■ 7956368

■ 4260496

■ 8484496

■ 4128912

■ 9012368

■ 9540240

■ 10068368

■ 10596240

■ 11189904

Harmonies

Analogous

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



20643



6372496



9118828

Triad

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



6372496



7815680



24925

Complementary

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



6372496



7049276

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.



24368



6372496



5526016

Square

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



6372496



9383194



2251520



24709

Rectangle

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



6372496



9836880



2251520



24910

Sweetspot

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



6372496



10983866



3959952



5458526



14606046



6184542

Same Dimension

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



6372496



7420090



9059472



4407367



3932295



196616

Inverse Universe

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



9452651



12204161



4362300



4669508



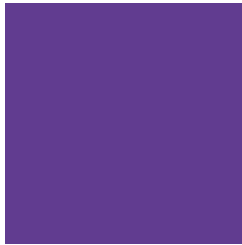
8847436



524292

Previews

White Background



This preview shows how the Decimal color 6372496 looks on a white background.

Color Contrast Check

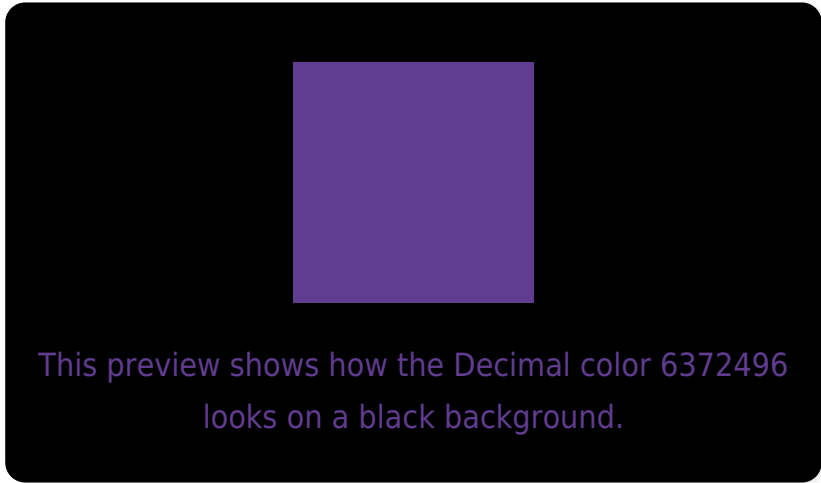
Large Text (above 18pt) WCAG AA ✓ Pass

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 6372496 Background



This preview shows how black text looks on a background with the Decimal color 6372496.



This preview shows how white text looks on a background with the Decimal color 6372496.

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
6372496

Protanomaly
2901659

Deuteranomaly
3426701

Tritanomaly
5850985

Monochromacy



Original Color
6372496

Achromatopsia
5329233

Achromatomaly
5720424

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6372496 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 #613C90 looks like.

```
.text, #text, p{  
    color:#613C90  
}
```

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 #613C90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613C90
}
```

Border

The CSS property to change the border of an element to Decimal 6372496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

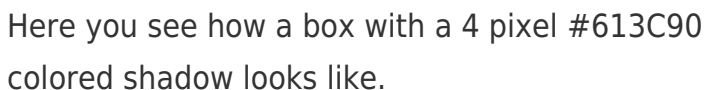
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613C90 }
```

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

```
.border{ border-color:#613C90 }
```

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



Here you see how a box with a 4 pixel #613C90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613C90; -webkit-box-shadow:4px 4px  
4px 4px #613C90; box-shadow:4px 4px 4px  
4px #613C90 }
```

Background

The CSS property to change the background color of an element to Decimal 6372496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613C90 }
```

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

```
.background{ background-color:#613C90 }
```

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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