

Converting Colors

Decimal(673729)

Have a look what the booklet for
Decimal(673729) contains.

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Color

Decimal(673729)

Conversions

Conversions Part 1

Format	Color
Hex	0A47C1
RGB	10, 71, 193
RGB Percent	4%, 28%, 76%
CMY	0.9608, 0.7216, 0.2431
CMYK	0.95, 0.63, 0.00, 0.24
HSL	220°, 90%, 40%
HSV	220°, 95%, 76%
XYZ	12.0041, 8.4213, 51.4449
YIQ	66.6690, -75.5180, 25.0100

Conversions

Conversions Part 2

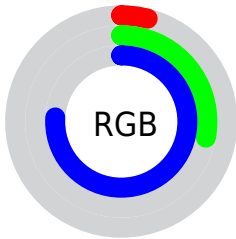
Format	Color
RYB	10, 56, 193
Decimal	673729
CIELab	34.85, 31.70, -68.11
CIELCh	35, 75.124, 294.959
Yxy	8.4213, 0.1670, 0.1172
Android (android.graphics.Color)	4278863809 (0xFF0A47C1)
YUV	66.6690, 62.2812, -49.6987
Hunter-Lab	29.0194, 23.0536, -84.7942

Details

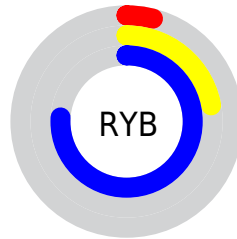
The Decimal color **673729** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **12682250**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **6584315**, and **7562** is the 20% darker color. If you saturate the color by 10%, you get **16577**, and if you desaturate by 10%, it is **1922241**.

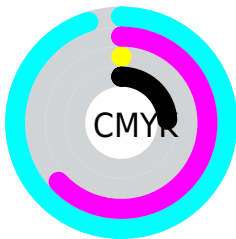
Distribution



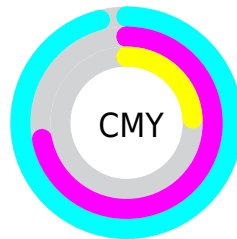
- Red (4%)
- Green (28%)
- Blue (76%)



- Red (4%)
- Yellow (22%)
- Blue (76%)



- Cyan (95%)
- Magenta (63%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (72%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 673729 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 673729 by changing the saturation by 10% instead.

■ 673729 ■ 673729

16777215 ■ 12709

■ 6584315 ■ 7562

■ 8622335 ■ 2928

■ 10660863 ■ 1367

■ 12633855 ■ 1598

■ 14672639 ■ 807

16646143 ■ 273

■ 0

■ 673729 ■ 673729

■ 16577

■ 1922241

■ 3236289

■ 4484801

■ 5733057

■ 6981569

■ 8295617

■ 9544129

■ 10792641

■ 12106689

Harmonies

Analogous

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



24268



673729



9180568

Triad

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



673729



9972736



26694

Complementary

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



673729



12682250

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.



25856



673729



7162880

Square

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



673729



11665445



3366144



27012

Rectangle

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



673729



11075699



3366144



26416

Sweetspot

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



673729



11848698



704900



5398909



16579836



8224125

Same Dimension

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



673729



21498



2624193



5724769



13985



2849

Inverse Universe

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



12651079



16384083



10666250



6379354



10551350



2162699

Previews

White Background



This preview shows how the Decimal color 673729 looks on a white background.

Color Contrast Check

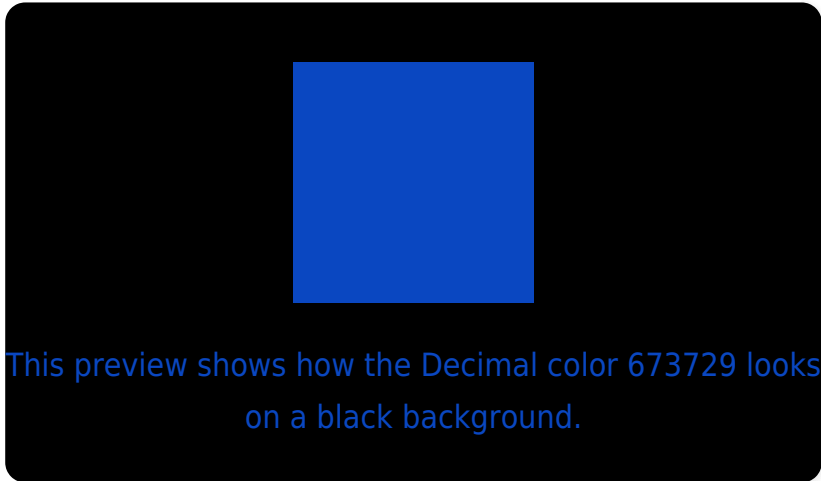
Large Text (above 18pt) WCAG AA ✓ Pass

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

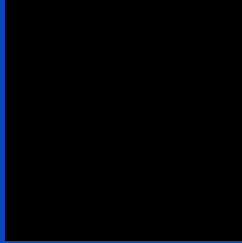
Any Text WCAG AA × Fail

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 673729 Background



This preview shows how black text looks on a background with the Decimal color 673729.



This preview shows how white text looks on a background with the Decimal color 673729.

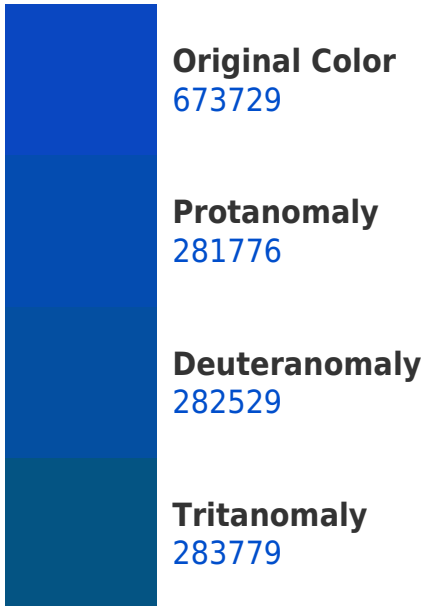
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 673729 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 #0A47C1 looks like.

```
.text, #text, p{  
    color:#0A47C1  
}
```

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 #0A47C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A47C1
}
```

Border

The CSS property to change the border of an element to Decimal 673729 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
#0A47C1 }
```

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

```
.border{ border-color:#0A47C1 }
```

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

Here you see how a box with a 4 pixel #0A47C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A47C1; -webkit-box-shadow:4px 4px  
4px 4px #0A47C1; box-shadow:4px 4px 4px  
4px #0A47C1 }
```

Background

The CSS property to change the background color of an element to Decimal 673729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A47C1 }
```

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

```
.background{ background-color:#0A47C1 }
```

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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