

Converting Colors

Decimal(7242449)

Have a look what the booklet for
Decimal(7242449) contains.

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Color

Decimal(7242449)

Conversions

Conversions Part 1

Format	Color
Hex	6E82D1
RGB	110, 130, 209
RGB Percent	43%, 51%, 82%
CMY	0.5686, 0.4902, 0.1804
CMYK	0.47, 0.38, 0.00, 0.18
HSL	228°, 52%, 63%
HSV	228°, 47%, 82%
XYZ	25.9217, 23.8837, 63.5654
YIQ	133.0260, -37.2790, 20.3290

Conversions

Conversions Part 2

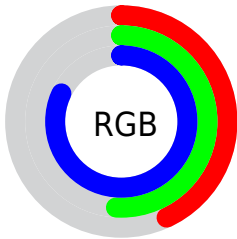
Format	Color
RYB	110, 127, 209
Decimal	7242449
CIELab	55.97, 14.03, -43.07
CIELCh	56, 45.293, 288.042
Yxy	23.8837, 0.2286, 0.2107
Android (android.graphics.Color)	4285432529 (0xFF6E82D1)
YUV	133.0260, 37.4552, -20.1938
Hunter-Lab	48.8710, 9.1541, -42.9075

Details

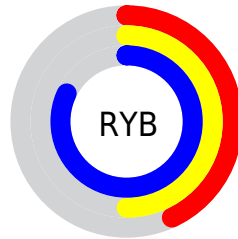
The Decimal color **7242449** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **13745518**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **10926079**, and **3494298** is the 20% darker color. If you saturate the color by 10%, you get **5861841**, and if you desaturate by 10%, it is **8623057**.

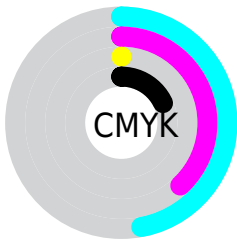
Distribution



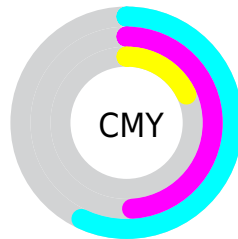
- Red (43%)
- Green (51%)
- Blue (82%)



- Red (43%)
- Yellow (50%)
- Blue (82%)



- Cyan (47%)
- Magenta (38%)
- Yellow (0%)
- Black (18%)



- Cyan (57%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7242449 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 7242449 by changing the saturation by 10% instead.

■ 7242449

■ 7242449

16777215

■ 5401013

■ 10926079

■ 3494298

■ 12833535

■ 1063552

■ 14741247

■ 9574

16646143

■ 4686

■ 1334

■ 544

■ 4

■ 0

■ 7242449

■ 7242449

■ 5861841

■ 8623057

■ 4481489

■ 10003409

■ 3100881

■ 11384017

■ 1720273

■ 12764625

■ 405457

■ 14144977

■ 10961

■ 15460049

■ 16775121

■ 16777169

Harmonies

Analogous

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



36819



7242449



10973883

Triad

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



7242449



12939341



39285

Complementary

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



7242449



13745518

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.



5805135



7242449



11173431

Square

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



7242449



13657456



8817463



39581

Rectangle

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



7242449



12544420



8817463



2922599

Sweetspot

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



7242449



14410751



7262652



6975104



0



8421504

Same Dimension

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



7242449



7244799



9072337



6185065



8872



2089

Inverse Universe

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



13725314



16739979



11915630



6905440



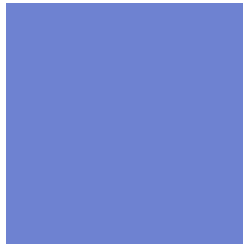
11010082



2686984

Previews

White Background



This preview shows how the Decimal color 7242449 looks on a white background.

Color Contrast Check

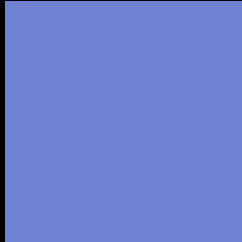
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7242449 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7242449 Background



This preview shows how black text looks on a background with the Decimal color 7242449.

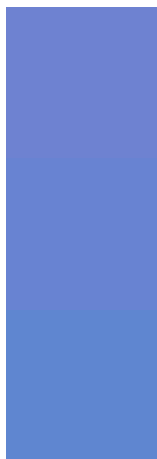


This preview shows how white text looks on a background with the Decimal color 7242449.

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


7242449

Protanopia

6849490

Deuteranopia

6260432



Tritanopia
6196889

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7242449 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 #6E82D1 looks like.

```
.text, #text, p{  
    color:#6E82D1  
}
```

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 #6E82D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E82D1
}
```

Border

The CSS property to change the border of an element to Decimal 7242449 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
#6E82D1 }
```

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

```
.border{ border-color:#6E82D1 }
```

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

Here you see how a box with a 4 pixel #6E82D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E82D1; -webkit-box-shadow:4px 4px  
4px 4px #6E82D1; box-shadow:4px 4px 4px  
4px #6E82D1 }
```

Background

The CSS property to change the background color of an element to Decimal 7242449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E82D1 }
```

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

```
.background{ background-color:#6E82D1 }
```

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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