

Converting Colors

Decimal(8033249)

Have a look what the booklet for
Decimal(8033249) contains.

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Color

Decimal(8033249)

Conversions

Conversions Part 1

Format	Color
Hex	7A93E1
RGB	122, 147, 225
RGB Percent	48%, 58%, 88%
CMY	0.5216, 0.4235, 0.1176
CMYK	0.46, 0.35, 0.00, 0.12
HSL	225°, 63%, 68%
HSV	225°, 46%, 88%
XYZ	32.0504, 30.4413, 75.4207
YIQ	148.4170, -39.9380, 18.9580

Conversions

Conversions Part 2

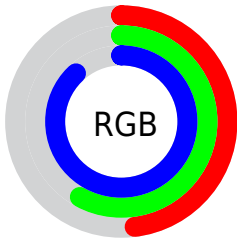
Format	Color
RYB	122, 142, 225
Decimal	8033249
CIELab	62.03, 11.67, -42.42
CIELCh	62, 43.995, 285.380
Yxy	30.4413, 0.2324, 0.2207
Android (android.graphics.Color)	4286223329 (0xFF7A93E1)
YUV	148.4170, 37.7554, -23.1677
Hunter-Lab	55.1736, 7.1369, -42.4262

Details

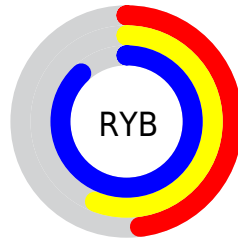
The Decimal color **8033249** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **14796922**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **11782655**, and **4284841** is the 20% darker color. If you saturate the color by 10%, you get **6587105**, and if you desaturate by 10%, it is **9544929**.

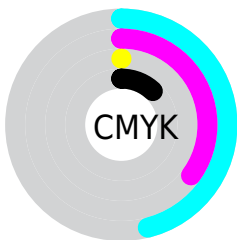
Distribution



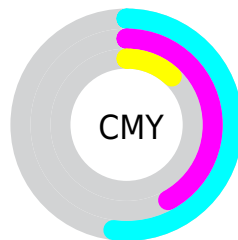
- Red (48%)
- Green (58%)
- Blue (88%)



- Red (48%)
- Yellow (56%)
- Blue (88%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (12%)



- Cyan (52%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8033249 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 8033249 by changing the saturation by 10% instead.

■ 8033249

■ 8033249

16777215

■ 6191557

■ 11782655

■ 4284841

■ 13624831

■ 2181518

■ 15597567

■ 13173

■ 8027

■ 1348

■ 812

■ 279

■ 0

■ 8033249

■ 8033249

■ 6587105

■ 9544929

■ 5075425

■ 10991073

■ 3629281

■ 12502753

■ 2117601

■ 13948897

■ 671457

■ 15460577

■ 14305

■ 16775649

■ 16777185

Harmonies

Analogous

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



630753



8033249



11764941

Triad

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



8033249



14122848



3189121

Complementary

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



8033249



14796922

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.



7250781



8033249



12488010

Square

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



8033249



14710403



10132040



43689

Rectangle

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



8033249



13401015



10132040



4826996

Sweetspot

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



8033249



14411007



8053191



6975360



0



8421504

Same Dimension

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



8033249



7575039



9730785



6645872



11184



3120

Inverse Universe

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



14776979



16741269



13099386



7365992



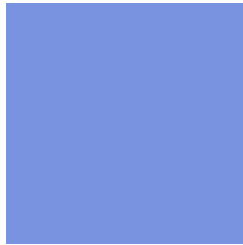
11534379



3145740

Previews

White Background



This preview shows how the Decimal color 8033249 looks on a white background.

Color Contrast Check

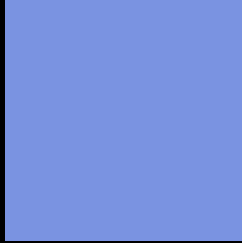
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 8033249 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 ✓ Pass

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

Decimal 8033249 Background



This preview shows how black text looks on a background with the Decimal color 8033249.



This preview shows how white text looks on a background with the Decimal color 8033249.

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
8033249

Protanopia
8033249

Deuteranopia
7575009

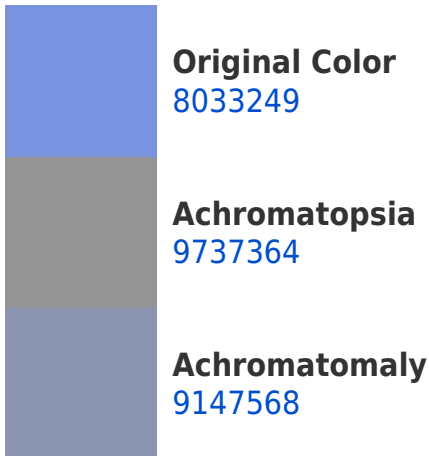


Tritanopia
7052971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8033249 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 #7A93E1 looks like.

```
.text, #text, p{  
    color:#7A93E1  
}
```

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 #7A93E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A93E1
}
```

Border

The CSS property to change the border of an element to Decimal 8033249 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
#7A93E1 }
```

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

```
.border{ border-color:#7A93E1 }
```

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

Here you see how a box with a 4 pixel #7A93E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A93E1; -webkit-box-shadow:4px 4px  
4px 4px #7A93E1; box-shadow:4px 4px 4px  
4px #7A93E1 }
```

Background

The CSS property to change the background color of an element to Decimal 8033249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A93E1 }
```

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

```
.background{ background-color:#7A93E1 }
```

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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