

Converting Colors

Decimal(8225747)

Have a look what the booklet for
Decimal(8225747) contains.

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Color

Decimal(8225747)

Conversions

Conversions Part 1

Format	Color
Hex	7D83D3
RGB	125, 131, 211
RGB Percent	49%, 51%, 83%
CMY	0.5098, 0.4863, 0.1725
CMYK	0.41, 0.38, 0.00, 0.17
HSL	236°, 49%, 66%
HSV	236°, 41%, 83%
XYZ	28.3316, 25.2957, 65.0173
YIQ	138.3260, -29.2560, 23.6080

Conversions

Conversions Part 2

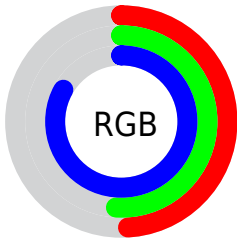
Format	Color
RYB	125, 131, 211
Decimal	8225747
CIELab	57.36, 17.78, -41.93
CIELCh	57, 45.546, 292.983
Yxy	25.2957, 0.2388, 0.2132
Android (android.graphics.Color)	4286415827 (0xFF7D83D3)
YUV	138.3260, 35.8283, -11.6869
Hunter-Lab	50.2949, 12.5349, -41.4392

Details

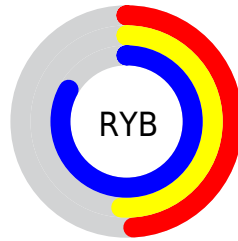
The Decimal color **8225747** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **13880701**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **11909375**, and **4674204** is the 20% darker color. If you saturate the color by 10%, you get **6844371**, and if you desaturate by 10%, it is **9607123**.

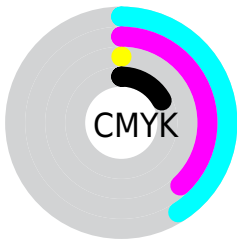
Distribution



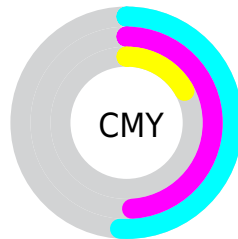
- Red (49%)
- Green (51%)
- Blue (83%)



- Red (49%)
- Yellow (51%)
- Blue (83%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8225747 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 8225747 by changing the saturation by 10% instead.

8225747

8225747

16777215

6449847

11909375

4674204

13751295

2767746

15659263

140904

4687

56

546

7

0

■ 8225747

■ 8225747

■ 6844371

■ 9607123

■ 5463251

■ 10988243

■ 4081875

■ 12369619

■ 2700499

■ 13750995

■ 1319379

■ 15132115

■ 4051

■ 16579027

■ 16777171

Harmonies

Analogous

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



1282520



8225747



11695034

Triad

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



8225747



12940875



40319

Complementary

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



8225747



13880701

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.



5413208



8225747



11109432

Square

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



8225747



13920877



8556861



40360

Rectangle

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



8225747



13069218



8556861



1940593

Sweetspot

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



8225747



14738431



8246220



7237504



0



8421504

Same Dimension

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



8225747



8555519



10583507



6184809



3240



809

Inverse Universe

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



13860227



16745099



11522941



6905439



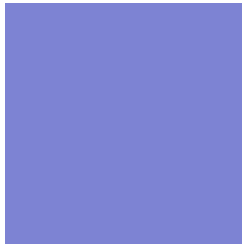
11010060



2686979

Previews

White Background



This preview shows how the Decimal color 8225747 looks on a white background.

Color Contrast Check

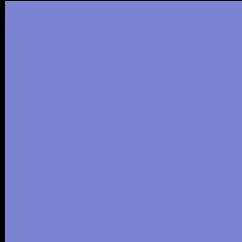
Large Text (above 18pt) WCAG AA ✓ Pass

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 8225747 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 8225747 Background



This preview shows how black text looks on a background with the Decimal color 8225747.

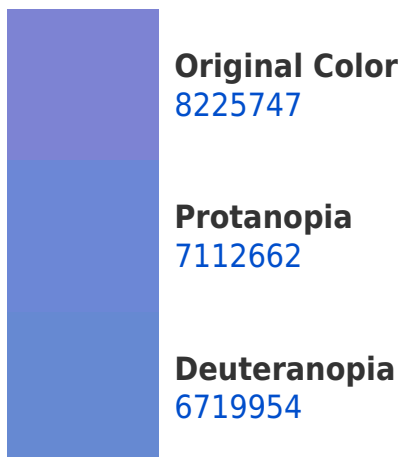


This preview shows how white text looks on a background with the Decimal color 8225747.

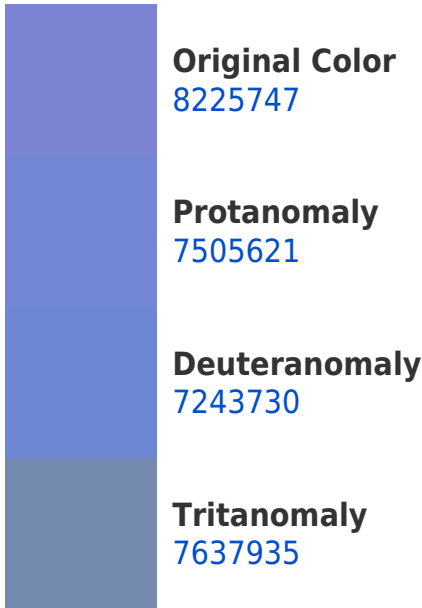
Color Blindness Simulation

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 8225747 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 #7D83D3 looks like.

```
.text, #text, p{  
    color:#7D83D3  
}
```

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 #7D83D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D83D3
}
```

Border

The CSS property to change the border of an element to Decimal 8225747 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
#7D83D3 }
```

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

```
.border{ border-color:#7D83D3 }
```

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

Here you see how a box with a 4 pixel #7D83D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D83D3; -webkit-box-shadow:4px 4px  
4px 4px #7D83D3; box-shadow:4px 4px 4px  
4px #7D83D3 }
```

Background

The CSS property to change the background color of an element to Decimal 8225747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D83D3 }
```

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

```
.background{ background-color:#7D83D3 }
```

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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