

Converting Colors

Decimal(8490466)

Have a look what the booklet for
Decimal(8490466) contains.

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Color

Decimal(8490466)

Conversions

Conversions Part 1

Format	Color
Hex	818DE2
RGB	129, 141, 226
RGB Percent	51%, 55%, 89%
CMY	0.4941, 0.4471, 0.1137
CMYK	0.43, 0.38, 0.00, 0.11
HSL	233°, 63%, 70%
HSV	233°, 43%, 89%
XYZ	32.3056, 29.2079, 75.8865
YIQ	147.1020, -34.4370, 23.8910

Conversions

Conversions Part 2

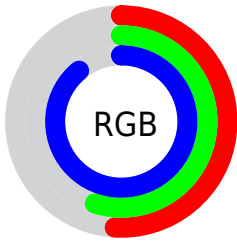
Format	Color
RYB	129, 140, 226
Decimal	8490466
CIELab	60.96, 17.20, -44.63
CIELCh	61, 47.823, 291.073
Yxy	29.2079, 0.2351, 0.2126
Android (android.graphics.Color)	4286680546 (0xFF818DE2)
YUV	147.1020, 38.8967, -15.8755
Hunter-Lab	54.0443, 12.1229, -45.4213

Details

The Decimal color **8490466** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **14866049**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **12174079**, and **4807594** is the 20% darker color. If you saturate the color by 10%, you get **6978018**, and if you desaturate by 10%, it is **10002914**.

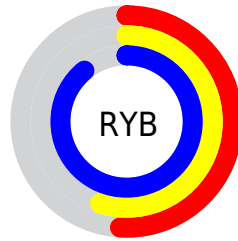
Distribution



Red (51%)

Green (55%)

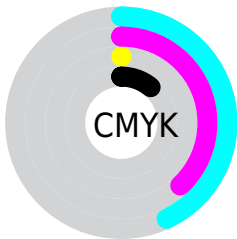
Blue (89%)



Red (51%)

Yellow (55%)

Blue (89%)

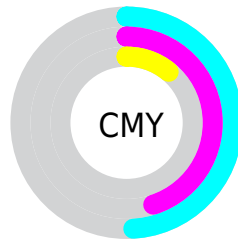


Cyan (43%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (49%)

Magenta (45%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8490466 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 8490466 by changing the saturation by 10% instead.

■ 8490466

■ 8490466

16777215

■ 6649030

■ 12174079

■ 4807594

■ 14081791

■ 2835599

■ 16055295

■ 11893

■ 6748

■ 68

■ 813

■ 279

■ 0

■ 8490466

■ 8490466

■ 6978018

■ 10002914

■ 5531106

■ 11449826

■ 4018914

■ 12962018

■ 2572002

■ 14408930

■ 1059554

■ 15921378

■ 7394

■ 16777186

Harmonies

Analogous

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



39910



8490466



12287177

Triad

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



8490466



13925715



43141

Complementary

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



8490466



14866049

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.



6071132



8490466



11963453

Square

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



8490466



14840183



9345600



43184

Rectangle

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



8490466



13857712



9345600



2664054

Sweetspot

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



8490466



14607103



8512213



7040640



0



8421504

Same Dimension

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



8490466



8031231



10846690



6645360



5808



1584

Inverse Universe

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



14844301



16743051



12509825



7365990



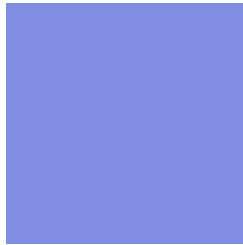
11534358



3145734

Previews

White Background



This preview shows how the Decimal color 8490466 looks on a white background.

Color Contrast Check

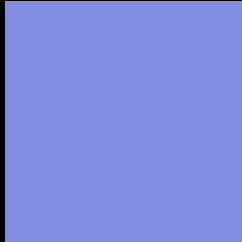
Large Text (above 18pt) WCAG AA ✓ Pass

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 8490466 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 8490466 Background



This preview shows how black text looks on a background with the Decimal color 8490466.




This preview shows how white text looks on a background with the Decimal color 8490466.

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](#).

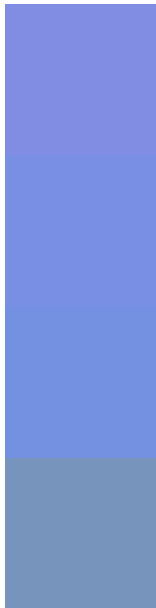
Dichromacy





Tritanopia
7445158

Trichromacy



Original Color
8490466

Protanomaly
7966692

Deuteranomaly
7639265

Tritanomaly
7837116

Monochromacy



Original Color
8490466

Achromatopsia
9671571

Achromatomaly
9212336

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8490466 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 #818DE2 looks like.

```
.text, #text, p{  
  color:#818DE2  
}
```

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 #818DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818DE2
}
```

Border

The CSS property to change the border of an element to Decimal 8490466 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
#818DE2 }
```

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

```
.border{ border-color:#818DE2 }
```

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

Here you see how a box with a 4 pixel #818DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818DE2; -webkit-box-shadow:4px 4px  
4px 4px #818DE2; box-shadow:4px 4px 4px  
4px #818DE2 }
```

Background

The CSS property to change the background color of an element to Decimal 8490466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818DE2 }
```

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

```
.background{ background-color:#818DE2 }
```

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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