

Converting Colors

Decimal(8497645)

Have a look what the booklet for
Decimal(8497645) contains.

Decimal(8497645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8497645)

Conversions

Conversions Part 1

Format	Color
Hex	81A9ED
RGB	129, 169, 237
RGB Percent	51%, 66%, 93%
CMY	0.4941, 0.3373, 0.0706
CMYK	0.46, 0.29, 0.00, 0.07
HSL	218°, 75%, 72%
HSV	218°, 46%, 93%
XYZ	38.5273, 39.1575, 85.6483
YIQ	164.7920, -45.6680, 12.6680

Conversions

Conversions Part 2

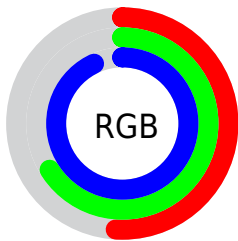
Format	Color
RYB	129, 158, 237
Decimal	8497645
CIELab	68.87, 4.24, -38.30
CIElCh	69, 38.536, 276.317
Yxy	39.1575, 0.2359, 0.2397
Android (android.graphics.Color)	4286687725 (0xFF81A9ED)
YUV	164.7920, 35.5985, -31.3896
Hunter-Lab	62.5759, 0.3925, -37.3476

Details

The Decimal color **8497645** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **15582593**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **12247295**, and **4748725** is the 20% darker color. If you saturate the color by 10%, you get **6920941**, and if you desaturate by 10%, it is **10074349**.

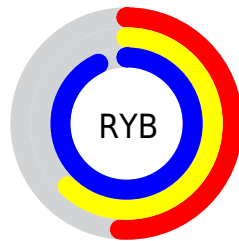
Distribution



Red (51%)

Green (66%)

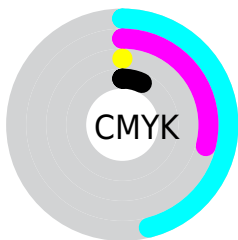
Blue (93%)



Red (51%)

Yellow (62%)

Blue (93%)

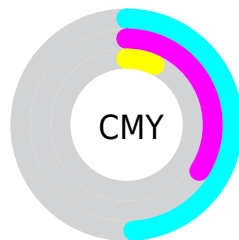


Cyan (46%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (49%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8497645 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 8497645 by changing the saturation by 10% instead.

■ 8497645

■ 8497645

16777215

■ 6655953

■ 12247295

■ 4748725

■ 14155263

■ 2710938

■ 16121855

■ 18047

■ 12390

■ 7246

■ 1335

■ 544

■ 5

■ 8497645

■ 8497645

■ 6920941

■ 10074349

■ 5409773

■ 11585517

■ 3833069

■ 13162221

■ 2256365

■ 14738925

■ 745197

■ 16250093

■ 22765

■ 16777197

Harmonies

Analogous

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



4240359



8497645



11967712

Triad

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



8497645



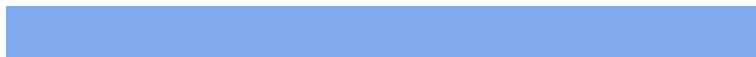
15241600



6797451

Complementary

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



8497645



15582593

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.



9613935



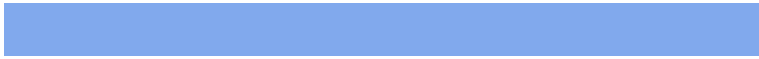
8497645



14064745

Square

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



8497645



15437218



12101730



3324847

Rectangle

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



8497645



13669583



12101730



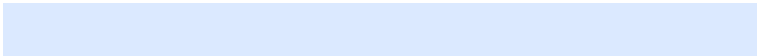
7780224

Sweetspot

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



8497645



14412287



8515012



6976128



0



8421504

Same Dimension

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



8497645



7579647



9339373



6975093



17333



5174

Inverse Universe

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



15565225



16741287



14740865



7694958



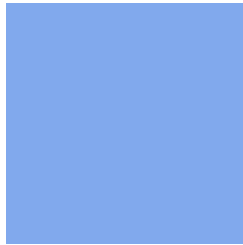
11862083



3538964

Previews

White Background



This preview shows how the Decimal color 8497645 looks on a white background.

Color Contrast Check

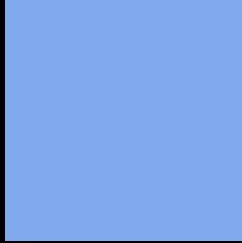
Large Text (above 18pt) WCAG AA × Fail

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 8497645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

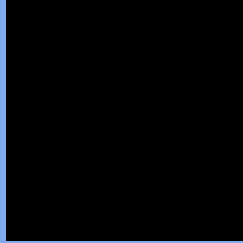
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

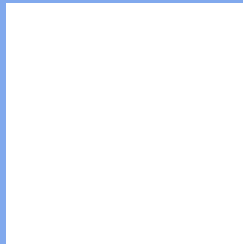
Any Text WCAG AAA ✓ Pass

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

Decimal 8497645 Background



This preview shows how black text looks on a background with the Decimal color 8497645.



This preview shows how white text looks on a background with the Decimal color 8497645.

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



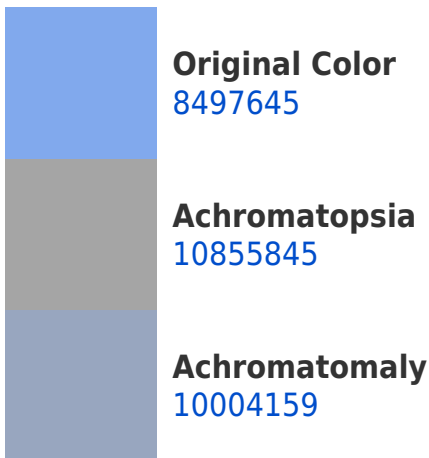


Tritanopia
7647936

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8497645 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 #81A9ED looks like.

```
.text, #text, p{  
    color:#81A9ED  
}
```

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 #81A9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A9ED
}
```

Border

The CSS property to change the border of an element to Decimal 8497645 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
#81A9ED }
```

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

```
.border{ border-color:#81A9ED }
```

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

Here you see how a box with a 4 pixel #81A9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A9ED; -webkit-box-shadow:4px 4px  
4px 4px #81A9ED; box-shadow:4px 4px 4px  
4px #81A9ED }
```

Background

The CSS property to change the background color of an element to Decimal 8497645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A9ED }
```

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

```
.background{ background-color:#81A9ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor