

# Converting Colors

Decimal(8297451)

Have a look what the booklet for  
Decimal(8297451) contains.

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# **Color**

**Decimal(8297451)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E9BEB
RGB	126, 155, 235
RGB Percent	49%, 61%, 92%
CMY	0.5059, 0.3922, 0.0784
CMYK	0.46, 0.34, 0.00, 0.08
HSL	224°, 73%, 71%
HSV	224°, 46%, 92%
XYZ	35.3209, 33.8765, 83.2745
YIQ	155.4490, -42.9640, 18.7320

# Conversions

## Conversions Part 2

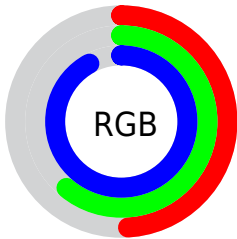
Format	Color
R <sub>Y</sub> B	126, 149, 235
Decimal	8297451
CIE Lab	64.86, 10.92, -43.48
CIE LCh	65, 44.829, 284.100
Yxy	33.8765, 0.2317, 0.2222
Android (android.graphics.Color)	4286487531 (0xFF7E9BEB)
YUV	155.4490, 39.2186, -25.8268
Hunter-Lab	58.2035, 6.4670, -44.0865

# Details

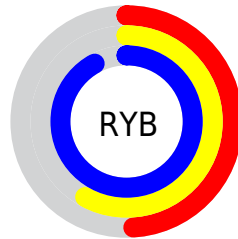
The Decimal color **8297451** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15453822**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **12046847**, and **4548787** is the 20% darker color. If you saturate the color by 10%, you get **6785771**, and if you desaturate by 10%, it is **9809131**.

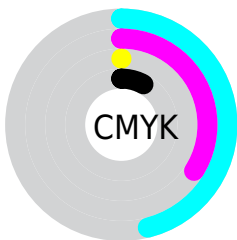
# Distribution



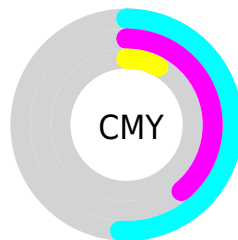
- Red (49%)
- Green (61%)
- Blue (92%)



- Red (49%)
- Yellow (58%)
- Blue (92%)



- Cyan (46%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)



- Cyan (51%)
- Magenta (39%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8297451 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 8297451 by changing the saturation by 10% instead.



■ 8297451

■ 8297451

16777215

■ 6455759

■ 12046847

■ 4548787

■ 13954559

■ 2379928

■ 15925247

■ 14973

■ 9572

■ 4428

■ 1076

■ 542

■ 0

■ 8297451

■ 8297451

■ 6785771

■ 9809131

■ 5208555

■ 11386347

■ 3696619

■ 12963819

■ 2119403

■ 14475499

■ 607723

■ 16052715

■ 16363

■ 16777195

# Harmonies

## Analogous

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



764138



8297451



12160215

# Triad

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



8297451



14779751



3846534

# Complementary

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



8297451



15453822

# 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.



7842658



8297451



13145168

# Square

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



8297451



15367564



10723661



45744

# Rectangle

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



8297451



13927105



10723661



5418873



# Sweetspot

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



8297451



14411263



8317902



6975616



0



8421504



# Same Dimension

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



8297451



7378687



9928427



6974837



12469



3638



# Inverse Universe

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



15433371



16740502



13822846



7694957



11862064



3538958



# Previews

## White Background



This preview shows how the Decimal color 8297451 looks on a white background.

## Color Contrast Check

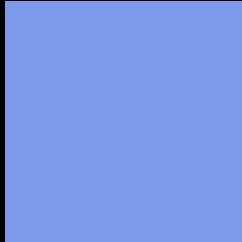
Large Text (above 18pt) WCAG AA × Fail

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 8297451 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

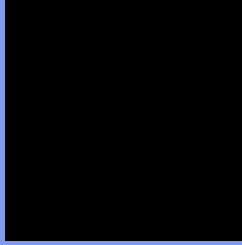
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8297451 Background



This preview shows how black text looks on a background with the Decimal color 8297451.



This preview shows how white text looks on a background with the Decimal color 8297451.

# 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



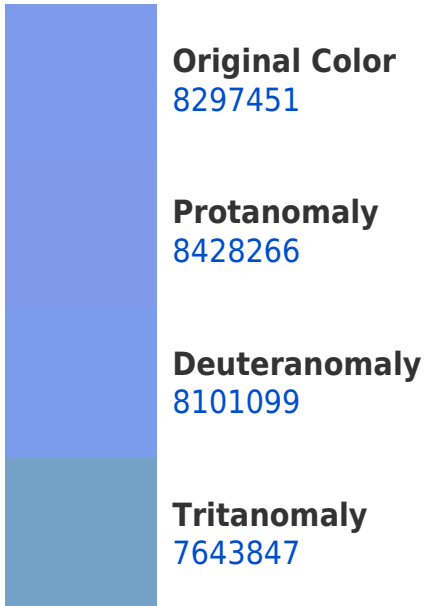
**Original Color**  
8297451

**Protanopia**  
8493802

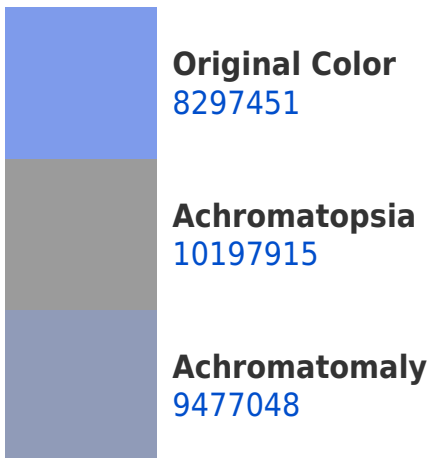
**Deuteranopia**  
7970027



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8297451 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 #7E9BEB looks like.

```
.text, #text, p{  
    color:#7E9BEB  
}
```

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 #7E9BEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9BEB
}
```

## Border

The CSS property to change the border of an element to Decimal 8297451 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
#7E9BEB }
```

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

```
.border{ border-color:#7E9BEB }
```

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

Here you see how a box with a 4 pixel #7E9BEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9BEB; -webkit-box-shadow:4px 4px  
4px 4px #7E9BEB; box-shadow:4px 4px 4px  
4px #7E9BEB }
```

# Background

The CSS property to change the background color of an element to Decimal 8297451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9BEB }
```

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

```
.background{ background-color:#7E9BEB }
```

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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