

# Converting Colors

Decimal(8232956)

Have a look what the booklet for  
Decimal(8232956) contains.

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# **Color**

**Decimal(8232956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D9FFC
RGB	125, 159, 252
RGB Percent	49%, 62%, 99%
CMY	0.5098, 0.3765, 0.0118
CMYK	0.50, 0.37, 0.00, 0.01
HSL	224°, 95%, 74%
HSV	224°, 50%, 99%
XYZ	38.4263, 36.1845, 97.0545
YIQ	159.4360, -50.1170, 21.7150

# Conversions

## Conversions Part 2

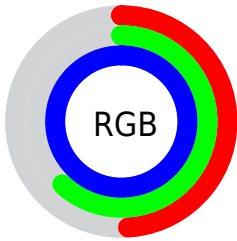
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 152, 252</a>
Decimal	<a href="#">8232956</a>
CIELab	<a href="#">66.66, 13.42, -49.96</a>
CIElCh	<a href="#">67, 51.731, 285.034</a>
Yxy	<a href="#">36.1845, 0.2238, 0.2108</a>
Android (android.graphics.Color)	<a href="#">4286423036 (0xFF7D9FFC)</a>
YUV	<a href="#">159.4360, 45.6341, -30.2004</a>
Hunter-Lab	<a href="#">60.1536, 8.7576, -53.5537</a>

# Details

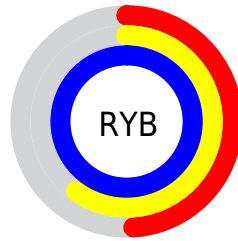
The Decimal color **8232956** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16571005**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **12047871**, and **4222147** is the 20% darker color. If you saturate the color by 10%, you get **6589948**, and if you desaturate by 10%, it is **9875964**.

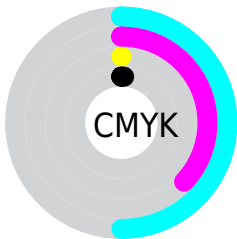
# Distribution



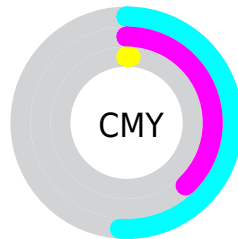
- Red (49%)
- Green (62%)
- Blue (99%)



- Red (49%)
- Yellow (60%)
- Blue (99%)



- Cyan (50%)
- Magenta (37%)
- Yellow (0%)
- Black (1%)



- Cyan (51%)
- Magenta (38%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8232956 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 8232956 by changing the saturation by 10% instead.



■ 8232956

■ 8232956

16777215

■ 6260191

■ 12047871

■ 4222147

■ 14021375

■ 1594535

■ 15990783

■ 15756

■ 10354

■ 5465

■ 1857

■ 810

■ 276

■ 8232956

■ 8232956

■ 6589948

■ 9875964

■ 4946684

■ 11519228

■ 3238140

■ 13227772

■ 1594876

■ 14871036

■ 17404

■ 16514044

16777212

# Harmonies

## Analogous

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



44796



8232956



12815844

# Triad

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



8232956



15631970



1161353

# Complementary

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



8232956



16571005

# 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.



7516766



8232956



13735750

# Square

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



8232956



1635092



10921796



47801

# Rectangle

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



8232956



14844362



10921796



4372089



# Sweetspot

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



8232956



14279679



8256728



6909824



0



8421504



# Same Dimension

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



8232956



6721535



10059260



7369853



13245



4157



# Inverse Universe

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



16547231



16737935



14744701



8220788



12386355

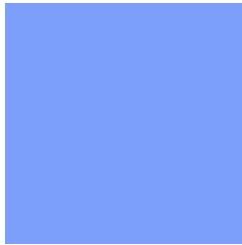


3997712



# Previews

## White Background



This preview shows how the Decimal color 8232956 looks on a white background.

## Color Contrast Check

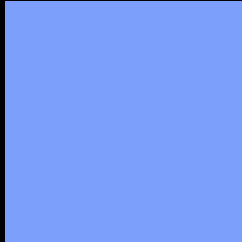
Large Text (above 18pt) WCAG AA × Fail

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 8232956 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

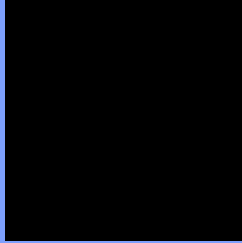
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8232956 Background



This preview shows how black text looks on a background with the Decimal color 8232956.



This preview shows how white text looks on a background with the Decimal color 8232956.

# 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](#).

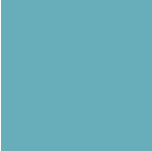
## Dichromacy



**Original Color**  
8232956

**Protanopia**  
8364028

**Deuteranopia**  
7578107



**Tritanopia**  
6860218

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8232956 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 #7D9FFC looks like.

```
.text, #text, p{  
  color:#7D9FFC  
}
```

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 #7D9FFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D9FFC
}
```

## Border

The CSS property to change the border of an element to Decimal 8232956 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
#7D9FFC }
```

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

```
.border{ border-color:#7D9FFC }
```

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

Here you see how a box with a 4 pixel #7D9FFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D9FFC; -webkit-box-shadow:4px 4px  
4px 4px #7D9FFC; box-shadow:4px 4px 4px  
4px #7D9FFC }
```

# Background

The CSS property to change the background color of an element to Decimal 8232956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D9FFC }
```

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

```
.background{ background-color:#7D9FFC }
```

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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