

Converting Colors

Decimal(8228064)

Have a look what the booklet for
Decimal(8228064) contains.

Decimal(8228064)	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(8228064)

Conversions

Conversions Part 1

Format	Color
Hex	7D8CE0
RGB	125, 140, 224
RGB Percent	49%, 55%, 88%
CMY	0.5098, 0.4510, 0.1216
CMYK	0.44, 0.37, 0.00, 0.12
HSL	231°, 61%, 68%
HSV	231°, 44%, 88%
XYZ	31.2901, 28.4980, 74.3725
YIQ	145.0910, -35.9040, 22.9440

Conversions

Conversions Part 2

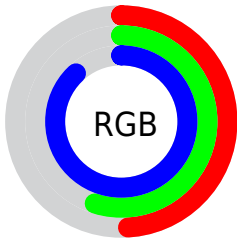
Format	Color
RYB	125, 138, 224
Decimal	8228064
CIELab	60.34, 16.21, -44.52
CIELCh	60, 47.381, 290.006
Yxy	28.4980, 0.2332, 0.2124
Android (android.graphics.Color)	4286418144 (0xFF7D8CE0)
YUV	145.0910, 38.9021, -17.6198
Hunter-Lab	53.3835, 11.2045, -45.2329

Details

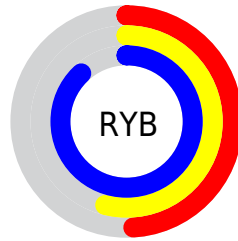
The Decimal color **8228064** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **14733693**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **11911679**, and **4545192** is the 20% darker color. If you saturate the color by 10%, you get **6781408**, and if you desaturate by 10%, it is **9674720**.

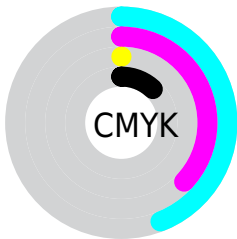
Distribution



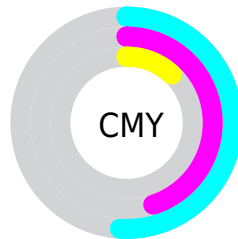
- Red (49%)
- Green (55%)
- Blue (88%)



- Red (49%)
- Yellow (54%)
- Blue (88%)



- Cyan (44%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8228064 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 8228064 by changing the saturation by 10% instead.

■ 8228064

■ 8228064

16777215

■ 6386628

■ 11911679

■ 4545192

■ 13819391

■ 2507661

■ 15792895

■ 11635

■ 6490

■ 67

■ 811

■ 278

■ 0

■ 8228064

■ 8228064

■ 6781408

■ 9674720

■ 5269216

■ 11186912

■ 3822560

■ 12633568

■ 2310368

■ 14145760

■ 863712

■ 15592416

■ 8928

■ 16776928

■ 16777184

Harmonies

Analogous

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



39651



8228064



12024776

Triad

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



8228064



13794131



42626

Complementary

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



8228064



14733693

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.



6136154



8228064



11962941

Square

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



8228064



14708599



9345087



42669

Rectangle

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



8228064



13595311



9345087



2925683

Sweetspot

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



8228064



14607359



8249551



7040640



0



8421504

Same Dimension

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



8228064



7900415



10386912



6645616



7088



1840

Inverse Universe

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



14712204



16742540



12574845



7365991



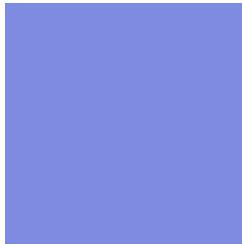
11534363



3145735

Previews

White Background



This preview shows how the Decimal color 8228064 looks on a white background.

Color Contrast Check

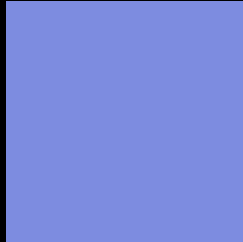
Large Text (above 18pt) WCAG AA ✓ Pass

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 8228064 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 8228064 Background



This preview shows how black text looks on a background with the Decimal color 8228064.



This preview shows how white text looks on a background with the Decimal color 8228064.

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
8228064

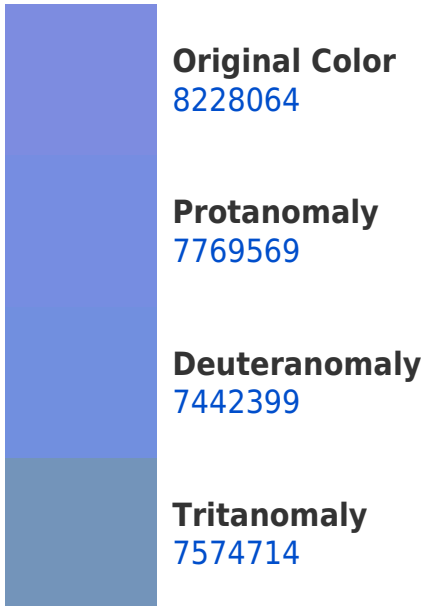
Protanopia
7507682

Deuteranopia
6984159



Tritanopia
7182501

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8228064 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 #7D8CE0 looks like.

```
.text, #text, p{  
    color:#7D8CE0  
}
```

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 #7D8CE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8CE0
}
```

Border

The CSS property to change the border of an element to Decimal 8228064 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
#7D8CE0 }
```

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

```
.border{ border-color:#7D8CE0 }
```

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

Here you see how a box with a 4 pixel #7D8CE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8CE0; -webkit-box-shadow:4px 4px  
4px 4px #7D8CE0; box-shadow:4px 4px 4px  
4px #7D8CE0 }
```

Background

The CSS property to change the background color of an element to Decimal 8228064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8CE0 }
```

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

```
.background{ background-color:#7D8CE0 }
```

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