

Converting Colors

Decimal(7965396)

Have a look what the booklet for
Decimal(7965396) contains.

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Color

Decimal(7965396)

Conversions

Conversions Part 1

Format	Color
Hex	798AD4
RGB	121, 138, 212
RGB Percent	47%, 54%, 83%
CMY	0.5255, 0.4588, 0.1686
CMYK	0.43, 0.35, 0.00, 0.17
HSL	229°, 51%, 65%
HSV	229°, 43%, 83%
XYZ	28.8573, 26.9954, 65.9770
YIQ	141.3530, -33.8860, 19.4100

Conversions

Conversions Part 2

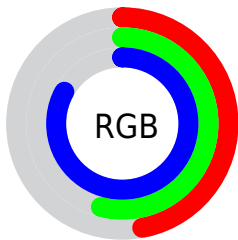
Format	Color
RYB	121, 135, 212
Decimal	7965396
CIELab	58.97, 12.91, -39.98
CIELCh	59, 42.015, 287.891
Yxy	26.9954, 0.2369, 0.2216
Android (android.graphics.Color)	4286155476 (0xFF798AD4)
YUV	141.3530, 34.8290, -17.8496
Hunter-Lab	51.9571, 8.2152, -38.9187

Details

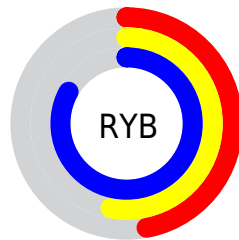
The Decimal color **7965396** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **13943673**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **11649023**, and **4348061** is the 20% darker color. If you saturate the color by 10%, you get **6584788**, and if you desaturate by 10%, it is **9346004**.

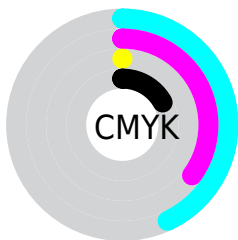
Distribution



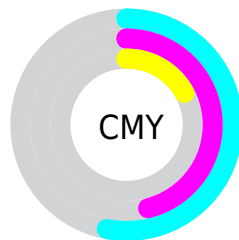
- Red (47%)
- Green (54%)
- Blue (83%)



- Red (47%)
- Yellow (53%)
- Blue (83%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7965396 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 7965396 by changing the saturation by 10% instead.

■ 7965396

■ 7965396

16777215

■ 6189496

■ 11649023

■ 4348061

■ 13491199

■ 2376067

■ 15398911

■ 11369

■ 6224

■ 57

■ 547

■ 9

■ 0

■ 7965396

■ 7965396

■ 6584788

■ 9346004

■ 5204180

■ 10726612

■ 3757780

■ 12173012

■ 2377172

■ 13553620

■ 996564

■ 14934228

■ 10452

■ 16314836

■ 16777172

Harmonies

Analogous

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



2201302



7965396



11369664

Triad

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



7965396



13269337



2531453

Complementary

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



7965396



13943673

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.



6593371



7965396



11634501

Square

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



7965396



13922425



9343813



41379

Rectangle

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



7965396



12809386



9343813



4235121

Sweetspot

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



7965396



14607615



7984322



7040896



0



8421504

Same Dimension

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



7965396



8033279



9730516



6316651



8363



2091

Inverse Universe

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



13924746



16743059



12178553



7037026



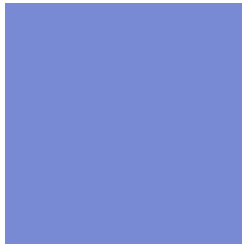
11206688



2818056

Previews

White Background



This preview shows how the Decimal color 7965396 looks on a white background.

Color Contrast Check

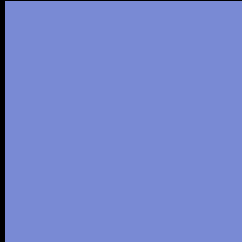
Large Text (above 18pt) WCAG AA ✓ Pass

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 7965396 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 7965396 Background



This preview shows how black text looks on a background with the Decimal color 7965396.



This preview shows how white text looks on a background with the Decimal color 7965396.

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

7965396

Protanopia

7637973

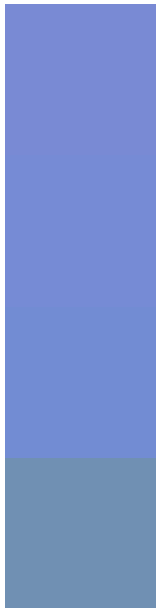
Deuteranopia

7245267



Tritanopia
7050400

Trichromacy



Original Color
7965396

Protanomaly
7769045

Deuteranomaly
7507155

Tritanomaly
7377075

Monochromacy



Original Color
7965396

Achromatopsia
9276813

Achromatomaly
8817831

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7965396 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 #798AD4 looks like.

```
.text, #text, p{  
    color:#798AD4  
}
```

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 #798AD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798AD4
}
```

Border

The CSS property to change the border of an element to Decimal 7965396 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
#798AD4 }
```

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

```
.border{ border-color:#798AD4 }
```

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

Here you see how a box with a 4 pixel #798AD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798AD4; -webkit-box-shadow:4px 4px  
4px 4px #798AD4; box-shadow:4px 4px 4px  
4px #798AD4 }
```

Background

The CSS property to change the background color of an element to Decimal 7965396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798AD4 }
```

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

```
.background{ background-color:#798AD4 }
```

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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