

Converting Colors

Decimal(7836396)

Have a look what the booklet for
Decimal(7836396) contains.

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Color

Decimal(7836396)

Conversions

Conversions Part 1

Format	Color
Hex	7792EC
RGB	119, 146, 236
RGB Percent	47%, 57%, 93%
CMY	0.5333, 0.4275, 0.0745
CMYK	0.50, 0.38, 0.00, 0.07
HSL	226°, 75%, 70%
HSV	226°, 50%, 93%
XYZ	33.0270, 30.5358, 83.5102
YIQ	148.1870, -44.9820, 22.2660

Conversions

Conversions Part 2

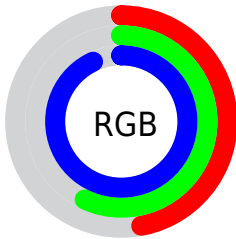
Format	Color
R _Y B	119, 141, 236
Decimal	7836396
CIE Lab	62.11, 14.82, -48.39
CIE LCh	62, 50.612, 287.026
Yxy	30.5358, 0.2246, 0.2076
Android (android.graphics.Color)	4286026476 (0xFF7792EC)
YUV	148.1870, 43.2918, -25.5970
Hunter-Lab	55.2592, 9.9810, -50.9202

Details

The Decimal color **7836396** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15520119**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **11651327**, and **3891380** is the 20% darker color. If you saturate the color by 10%, you get **6258924**, and if you desaturate by 10%, it is **9413868**.

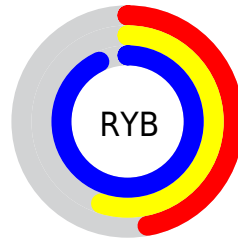
Distribution



Red (47%)

Green (57%)

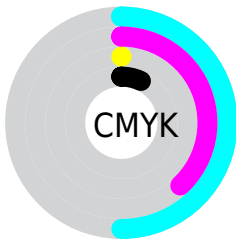
Blue (93%)



Red (47%)

Yellow (55%)

Blue (93%)

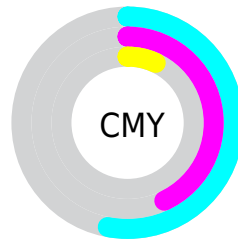


Cyan (50%)

Magenta (38%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (43%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7836396 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 7836396 by changing the saturation by 10% instead.

 7836396

 7836396

16777215

 5929167

 11651327

 3891380

 13559039

 1329560

 15466495

 13182

 7781

 1356

 1332

 542

 1

■ 7836396

■ 7836396

■ 6258924

■ 9413868

■ 4746988

■ 10925804

■ 3169516

■ 12503276

■ 1657324

■ 14015468

■ 79852

■ 15592940

■ 14060

■ 16777196

Harmonies

Analogous

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



41453



7836396



12222676

Triad

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



7836396



14580822



43904

Complementary

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



7836396



15520119

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.



6530646



7836396



12619068

Square

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



7836396



15364222



9935931



44207

Rectangle

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



7836396



13989306



9935931



3189361

Sweetspot

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



7836396



14279423



7859409



6909568



0



8421504

Same Dimension

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



7836396



6917119



9861100



6974581



10933



3126

Inverse Universe

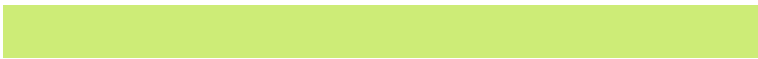
The Inverse Universe completely reimagines the original color for something new.



15497106



16738699



13495415



7694956



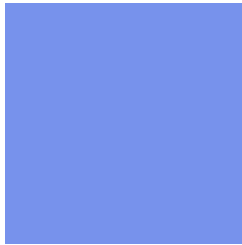
11862058



3538956

Previews

White Background



This preview shows how the Decimal color 7836396 looks on a white background.

Color Contrast Check

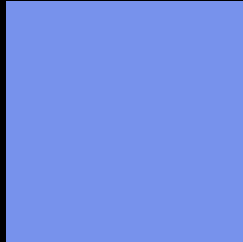
Large Text (above 18pt) WCAG AA × Fail

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 7836396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

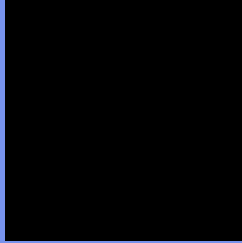
Any Text WCAG AA ✓ Pass

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 7836396 Background



This preview shows how black text looks on a background with the Decimal color 7836396.



This preview shows how white text looks on a background with the Decimal color 7836396.

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
7836396

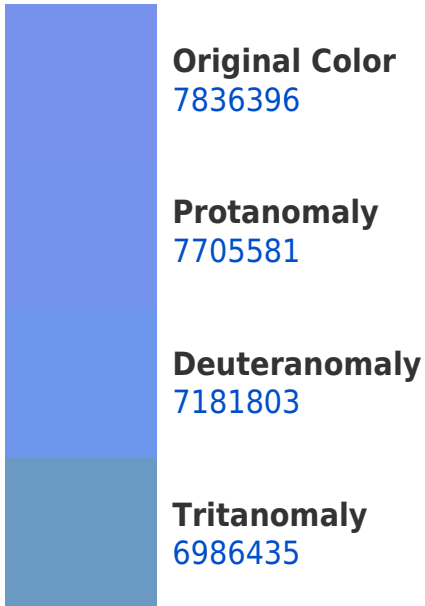
Protanopia
7640045

Deuteranopia
6788843



Tritanopia
6528940

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7836396 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 #7792EC looks like.

```
.text, #text, p{  
  color:#7792EC  
}
```

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 #7792EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7792EC
}
```

Border

The CSS property to change the border of an element to Decimal 7836396 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
#7792EC }
```

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

```
.border{ border-color:#7792EC }
```

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

Here you see how a box with a 4 pixel #7792EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7792EC; -webkit-box-shadow:4px 4px  
4px 4px #7792EC; box-shadow:4px 4px 4px  
4px #7792EC }
```

Background

The CSS property to change the background color of an element to Decimal 7836396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7792EC }
```

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

```
.background{ background-color:#7792EC }
```

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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