

Converting Colors

Decimal(7946695)

Have a look what the booklet for
Decimal(7946695) contains.

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Color

Decimal(7946695)

Conversions

Conversions Part 1

Format	Color
Hex	7941C7
RGB	121, 65, 199
RGB Percent	47%, 25%, 78%
CMY	0.5255, 0.7451, 0.2196
CMYK	0.39, 0.67, 0.00, 0.22
HSL	265°, 54%, 52%
HSV	265°, 67%, 78%
XYZ	20.0843, 11.9691, 55.2845
YIQ	97.0200, -9.6380, 53.5460

Conversions

Conversions Part 2

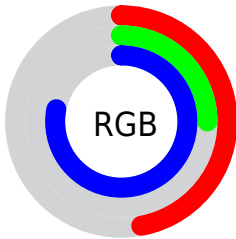
Format	Color
R_{YB}	121, 65, 199
Decimal	7946695
CIE _{Lab}	41.17, 51.40, -60.99
CIE _{LCh}	41, 79.764, 310.124
Yxy	11.9691, 0.2300, 0.1370
Android (android.graphics.Color)	4286136775 (0xFF7941C7)
YUV	97.0200, 50.2761, 21.0305
Hunter-Lab	34.5963, 43.0813, -70.5273

Details

The Decimal color **7946695** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **9422657**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **11695359**, and **4131472** is the 20% darker color. If you saturate the color by 10%, you get **7155143**, and if you desaturate by 10%, it is **8738247**.

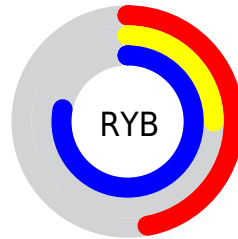
Distribution



Red (47%)

Green (25%)

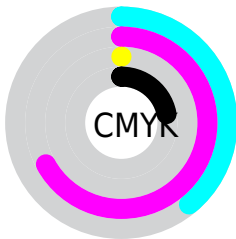
Blue (78%)



Red (47%)

Yellow (25%)

Blue (78%)

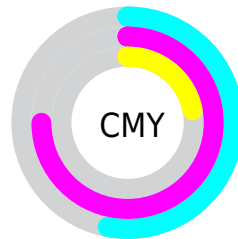


Cyan (39%)

Magenta (67%)

Yellow (0%)

Black (22%)



Cyan (53%)

Magenta (75%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7946695 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 7946695 by changing the saturation by 10% instead.

■ 7946695

■ 7946695

16777215

■ 6105003

■ 11695359

■ 4131472

■ 13668351

■ 1966198

■ 15575807

■ 92

■ 16762623

■ 67

■ 16770047

■ 812

■ 279

■ 0

■ 7946695

■ 7946695

■ 7155143

■ 8738247

■ 6429127

■ 9464263

■ 5637575

■ 10255815

■ 5439687

■ 10981831

■ 11773383

■ 12564679

■ 13290695

■ 14082247

■ 14808263

Harmonies

Analogous

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



25573



7946695



12255375

Triad

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



7946695



10046720



31607

Complementary

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



7946695



9422657

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.



30769



7946695



6514176

Square

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



7946695



12589834



29440



31669

Rectangle

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



7946695



13369444



29440



31328

Sweetspot

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



7946695



14798079



4296647



7233920



0



8421504

Same Dimension

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



7946695



8859903



12337607



6183523



4456611



983076

Inverse Universe

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



13058447



16724137



5031745



6511199



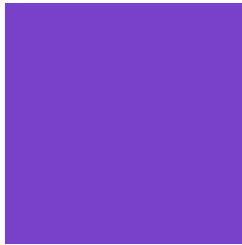
10682463



2359317

Previews

White Background



This preview shows how the Decimal color 7946695 looks on a white background.

Color Contrast Check

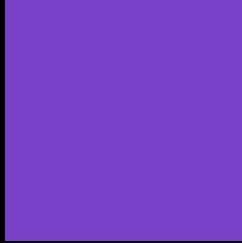
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 7946695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

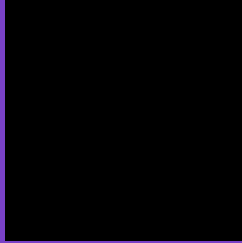
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 7946695 Background



This preview shows how black text looks on a background with the Decimal color 7946695.



This preview shows how white text looks on a background with the Decimal color 7946695.

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





Tritanopia
6578023

Trichromacy



Original Color

7946695



Protanomaly

2905031



Deuteranomaly

2906038



Tritanomaly

7099530

Monochromacy



Original Color

7946695



Achromatopsia

6381921



Achromatomaly

6968710

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7946695 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 #7941C7 looks like.

```
.text, #text, p{  
  color:#7941C7  
}
```

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 #7941C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7941C7
}
```

Border

The CSS property to change the border of an element to Decimal 7946695 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
#7941C7 }
```

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

```
.border{ border-color:#7941C7 }
```

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

Here you see how a box with a 4 pixel #7941C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7941C7; -webkit-box-shadow:4px 4px  
4px 4px #7941C7; box-shadow:4px 4px 4px  
4px #7941C7 }
```

Background

The CSS property to change the background color of an element to Decimal 7946695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7941C7 }
```

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

```
.background{ background-color:#7941C7 }
```

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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