

Converting Colors

Decimal(7829146)

Have a look what the booklet for
Decimal(7829146) contains.

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Color

Decimal(7829146)

Conversions

Conversions Part 1

Format	Color
Hex	77769A
RGB	119, 118, 154
RGB Percent	47%, 46%, 60%
CMY	0.5333, 0.5373, 0.3961
CMYK	0.23, 0.23, 0.00, 0.40
HSL	242°, 15%, 53%
HSV	242°, 23%, 60%
XYZ	19.9189, 19.2119, 33.2303
YIQ	122.4030, -10.9600, 11.4080

Conversions

Conversions Part 2

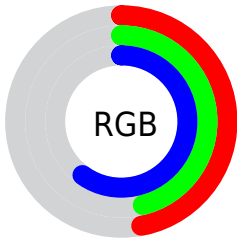
Format	Color
R_{YB}	119, 118, 154
Decimal	7829146
CIE _{Lab}	50.93, 8.48, -19.25
CIE _{LCh}	51, 21.037, 293.782
Yxy	19.2119, 0.2753, 0.2655
Android (android.graphics.Color)	4286019226 (0xFF77769A)
YUV	122.4030, 15.5773, -2.9844
Hunter-Lab	43.8314, 4.4134, -14.2681

Details

The Decimal color **7829146** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10066550**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11315920**, and **4605543** is the 20% darker color. If you saturate the color by 10%, you get **6842266**, and if you desaturate by 10%, it is **8816026**.

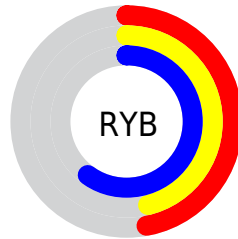
Distribution



Red (47%)

Green (46%)

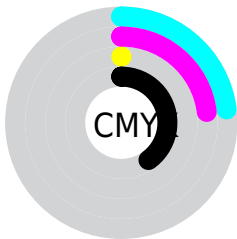
Blue (60%)



Red (47%)

Yellow (46%)

Blue (60%)

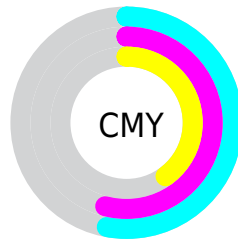


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7829146 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 7829146 by changing the saturation by 10% instead.

■ 7829146

■ 7829146

16777215

■ 6184320

■ 11315920

■ 4605543

■ 13092333

■ 3027023

■ 14934527

■ 1579832

16776959

■ 131106

■ 9

■ 0

■ 7829146

■ 7829146

■ 6842266

■ 8816026

■ 5855130

■ 9803162

■ 4868250

■ 10790042

■ 3881114

■ 11777178

■ 2894234

■ 12764058

■ 1907354

■ 13750938

■ 920218

■ 14738074

■ 262298

■ 15724954

■ 16711578

Harmonies

Analogous

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



6126749



7829146



9269391

Triad

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



7829146



9924957



5210997

Complementary

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



7829146



10066550

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.



6521188



7829146



9074518

Square

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



7829146



10382700



7830872



4424583

Rectangle

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



7829146



9923972



7830872



5604207

Sweetspot

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



7829146



12368841



7772570



6184550



15132390



6710886

Same Dimension

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



7829146



9671113



9008794



4539725



262284



13

Inverse Universe

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



10122905



13210056



8886902



5064012



9175176



851980

Previews

White Background



This preview shows how the Decimal color 7829146 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 7829146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

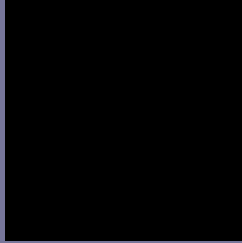
Any Text WCAG AA ✓ Pass

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 7829146 Background



This preview shows how black text looks on a background with the Decimal color 7829146.



This preview shows how white text looks on a background with the Decimal color 7829146.

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](#).

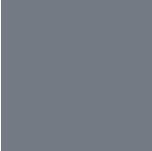
Dichromacy



Original Color
7829146

Protanopia
7370907

Deuteranopia
7632794



Tritanopia
7568004

Trichromacy



Original Color
7829146

Protanomaly
7567259

Deuteranomaly
7698330

Tritanomaly
7633292

Monochromacy



Original Color
7829146

Achromatopsia
8026746

Achromatomaly
7960966

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7829146 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 #77769A looks like.

```
.text, #text, p{  
    color:#77769A  
}
```

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 #77769A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77769A
}
```

Border

The CSS property to change the border of an element to Decimal 7829146 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
#77769A }
```

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

```
.border{ border-color:#77769A }
```

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

Here you see how a box with a 4 pixel #77769A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77769A; -webkit-box-shadow:4px 4px  
4px 4px #77769A; box-shadow:4px 4px 4px  
4px #77769A }
```

Background

The CSS property to change the background color of an element to Decimal 7829146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77769A }
```

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

```
.background{ background-color:#77769A }
```

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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