

# Converting Colors

Decimal(8227765)

Have a look what the booklet for  
Decimal(8227765) contains.

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# Color

**Decimal(8227765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D8BB5
RGB	125, 139, 181
RGB Percent	49%, 55%, 71%
CMY	0.5098, 0.4549, 0.2902
CMYK	0.31, 0.23, 0.00, 0.29
HSL	225°, 27%, 60%
HSV	225°, 31%, 71%
XYZ	26.0306, 26.1614, 47.3938
YIQ	139.6020, -21.8260, 10.0940

# Conversions

## Conversions Part 2

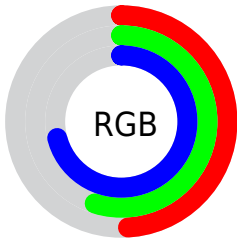
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 136, 181
Decimal	8227765
CIE Lab	58.19, 4.92, -23.66
CIE LCh	58, 24.163, 281.743
Yxy	26.1614, 0.2614, 0.2627
Android (android.graphics.Color)	4286417845 (0xFF7D8BB5)
YUV	139.6020, 20.4092, -12.8060
Hunter-Lab	51.1482, 1.3335, -19.1341

# Details

The Decimal color **8227765** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **11904893**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **11780333**, and **4872576** is the 20% darker color. If you saturate the color by 10%, you get **7044533**, and if you desaturate by 10%, it is **9410997**.

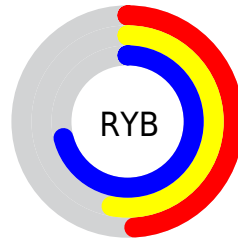
# Distribution



Red (49%)

Green (55%)

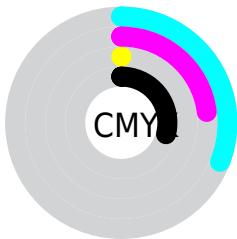
Blue (71%)



Red (49%)

Yellow (53%)

Blue (71%)

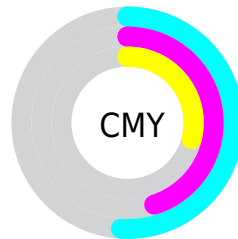


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (45%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8227765 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 8227765 by changing the saturation by 10% instead.



■ 8227765

■ 8227765

16777215

■ 6517402

■ 11780333

■ 4872576

■ 13622527

■ 3228263

■ 15464959

■ 1584207

■ 6200

■ 546

■ 8

■ 0

■ 8227765

■ 8227765

■ 7044533

■ 9410997

■ 5861557

■ 10593973

■ 4678325

■ 11777205

■ 3495349

■ 12960181

■ 2312117

■ 14208949

■ 1063605

■ 15391925

■ 11701

■ 16575157

■ 16775349

■ 16777141

# Harmonies

## Analogous

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



6263475



8227765



10060971

# Triad

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



8227765



11763825



6526846

# Complementary

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



8227765



11904893

# 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.



8098668



8227765



10913380

# Square

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



8227765



11959428



9669986



5216404

# Rectangle

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



8227765



11042720



9669986



7050871



# Sweetspot

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



8227765



14015467



8238503



6843509



16119285



7697781



# Same Dimension

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



8227765



9742827



9141685



5264217



9881



1562



# Inverse Universe

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



11894155



15439017



10990973



5853267



10027046

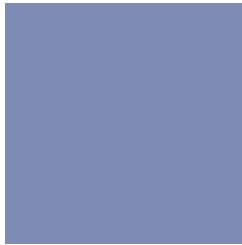


1703942



# Previews

## White Background



This preview shows how the Decimal color 8227765 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 822765 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

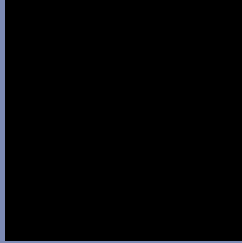
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

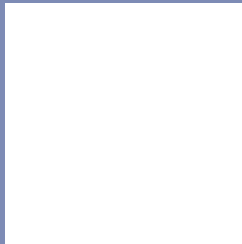
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8227765 Background



This preview shows how black text looks on a background with the Decimal color 8227765.



This preview shows how white text looks on a background with the Decimal color 8227765.

# 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**  
8227765

**Protanopia**  
8489652

**Deuteranopia**  
8620469



**Tritanopia**  
7835803

# Trichromacy



**Original Color**  
8227765

**Protanomaly**  
8424116

**Deuteranomaly**  
8489653

**Tritanomaly**  
7966372

# Monochromacy



**Original Color**  
8227765

**Achromatopsia**  
9211020

**Achromatomaly**  
8883355

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8227765 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 #7D8BB5 looks like.

```
.text, #text, p{  
    color:#7D8BB5  
}
```

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 #7D8BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8BB5
}
```

## Border

The CSS property to change the border of an element to Decimal 8227765 is called "border". The border property can be set on classes, ids or directly on the HTML element.

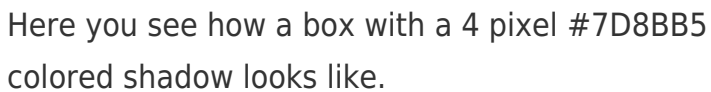
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D8BB5 }
```

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

```
.border{ border-color:#7D8BB5 }
```

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



Here you see how a box with a 4 pixel #7D8BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8BB5; -webkit-box-shadow:4px 4px  
4px 4px #7D8BB5; box-shadow:4px 4px 4px  
4px #7D8BB5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8227765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8BB5 }
```

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

```
.background{ background-color:#7D8BB5 }
```

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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