

# Converting Colors

Decimal(7966395)

Have a look what the booklet for  
Decimal(7966395) contains.

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# Color

**Decimal(7966395)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	798EBB
RGB	121, 142, 187
RGB Percent	47%, 56%, 73%
CMY	0.5255, 0.4431, 0.2667
CMYK	0.35, 0.24, 0.00, 0.27
HSL	221°, 33%, 60%
HSV	221°, 35%, 73%
XYZ	26.5278, 26.9988, 50.8268
YIQ	140.8510, -26.9610, 9.5430

# Conversions

## Conversions Part 2

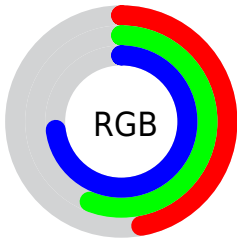
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 137, 187
Decimal	7966395
CIE <sub>Lab</sub>	58.97, 3.60, -25.88
CIE <sub>LCh</sub>	59, 26.131, 277.910
Y <sub>xy</sub>	26.9988, 0.2542, 0.2587
Android (android.graphics.Color)	4286156475 (0xFF798EBB)
YUV	140.8510, 22.7515, -17.4093
Hunter-Lab	51.9604, 0.2006, -21.6243

# Details

The Decimal color **7966395** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12297849**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **11519219**, and **4545670** is the 20% darker color. If you saturate the color by 10%, you get **6717883**, and if you desaturate by 10%, it is **9214907**.

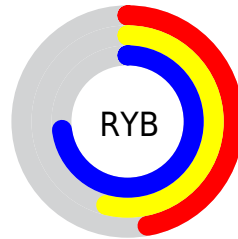
# Distribution



Red (47%)

Green (56%)

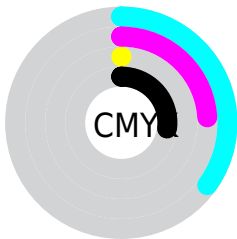
Blue (73%)



Red (47%)

Yellow (54%)

Blue (73%)

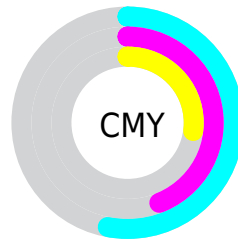


Cyan (35%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (44%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7966395 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 7966395 by changing the saturation by 10% instead.



■ 7966395

■ 7966395

16777215

■ 6256032

■ 11519219

■ 4545670

■ 13361151

■ 2901356

■ 15269119

■ 1060692

■ 6716

■ 807

■ 272

■ 0

■ 7966395

■ 7966395

■ 6717883

■ 9214907

■ 5535163

■ 10397883

■ 4286651

■ 11646139

■ 3038139

■ 12894651

■ 1855163

■ 14077627

■ 606907

■ 15326139

■ 15547

■ 16574395

■ 16774331

■ 16777147

# Harmonies

## Analogous

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



5805496



7966395



10061490

# Triad

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



7966395



12157043



6592892

# Complementary

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



7966395



12297849

# 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.



8361321



7966395



11372388

# Square

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



7966395



12287369



9997920



5020563

# Rectangle

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



7966395



11174311



9997920



7182453



# Sweetspot

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



7966395



14213362



7977893



6975610



16448250



8026746



# Same Dimension

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



7966395



9285106



8681915



5593182



12958



2591



# Inverse Universe

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



12286350



15895981



11582329



6182232



10354738



2031626



# Previews

## White Background



This preview shows how the Decimal color 7966395 looks on a white background.

## Color Contrast Check

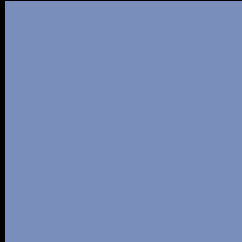
Large Text (above 18pt) WCAG AA ✓ Pass

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 7966395 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

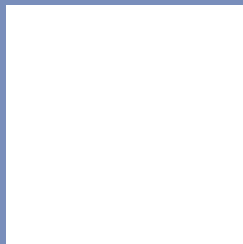
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7966395 Background



This preview shows how black text looks on a background with the Decimal color 7966395.

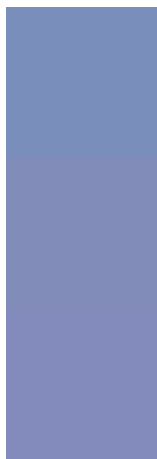


This preview shows how white text looks on a background with the Decimal color 7966395.

# 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**  
7966395

**Protanopia**  
8490169

**Deuteranopia**  
8555452



**Tritanopia**  
7508895

# Trichromacy



**Original Color**  
7966395

**Protanomaly**  
8293818

**Deuteranomaly**  
8359100

**Tritanomaly**  
7705001

# Monochromacy



**Original Color**  
7966395

**Achromatopsia**  
9276813

**Achromatomaly**  
8818078

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7966395 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 #798EBB looks like.

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

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 #798EBB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 7966395 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
#798EBB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 7966395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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