

Converting Colors

Hex(7965C9)

Have a look what the booklet for
Hex(7965C9) contains.

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Color

Hex(7965C9)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7965C9 |
| RGB | 121, 101, 201 |
| RGB Percent | 47%, 40%, 79% |
| CMY | 0.5255, 0.6039, 0.2118 |
| CMYK | 0.40, 0.50, 0.00, 0.21 |
| HSL | 252°, 48%, 59% |
| HSV | 252°, 50%, 79% |
| XYZ | 23.0815, 17.5894, 57.4369 |
| YIQ | 118.3800, -20.1800, 35.3400 |

Conversions

Conversions Part 2

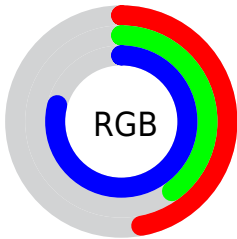
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 121, 101, 201 |
| Decimal | 7955913 |
| CIE _{Lab} | 48.99, 31.80, -49.54 |
| CIE _{LCh} | 49, 58.867, 302.694 |
| Yxy | 17.5894, 0.2353, 0.1793 |
| Android (android.graphics.Color) | 4286145993 (0xFF7965C9) |
| YUV | 118.3800, 40.7317, 2.2977 |
| Hunter-Lab | 41.9397, 24.8429, -51.8406 |

Details

The Hex color **7965C9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B5C965**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B198FF**, and **423692** is the 20% darker color. If you saturate the color by 10%, you get **6951C9**, and if you desaturate by 10%, it is **8979C9**.

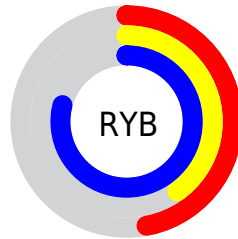
Distribution



Red (47%)

Green (40%)

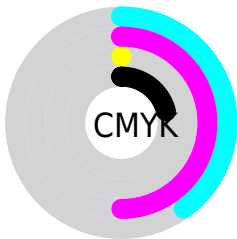
Blue (79%)



Red (47%)

Yellow (40%)

Blue (79%)

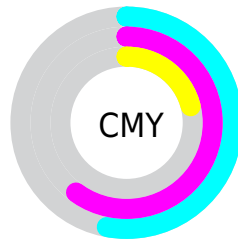


Cyan (40%)

Magenta (50%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (60%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7965C9 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 Hex color 7965C9 by changing the saturation by 10% instead.

■ 7965C9

■ 7965C9

FFFFFF

■ 5E4DAD

■ B198FF

■ 423692

■ CEB3FF

■ 242078

■ EBCFFF

■ 000B5F

■ FFEBFF

■ 000046

■ 00042F

■ 000119

■ 000000

■ 7965C9

■ 7965C9

6951C9

8979C9

593DC9

998DC9

4929C9

A9A1C9

3915C9

B9B5C9

2900C9

C9CAC9

2800C9

D9DEC9

EAF2C9

FAFFC9

FFFFC9

Harmonies

Analogous

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



0079D9



7965C9



B34DA3

Triad

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



7965C9



AF6014



008B78

Complementary

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



7965C9



B5C965

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.



008844



7965C9



887400

Square

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



7965C9



C84A42



558111



008BA9

Rectangle

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



7965C9



C74283



558111



008A66

Sweetspot

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



7965C9



E0D9FF



65B5C9



6D6980



000000



808080

Same Dimension

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



7965C9



8566FF



AB65C9



5B5A63



2100A3



070024

Inverse Universe

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



C965B5



FF66E0



83C965



635A61



A30083



24001D

Previews

White Background



This preview shows how the Hex color 7965C9 looks on a white background.

Color Contrast Check

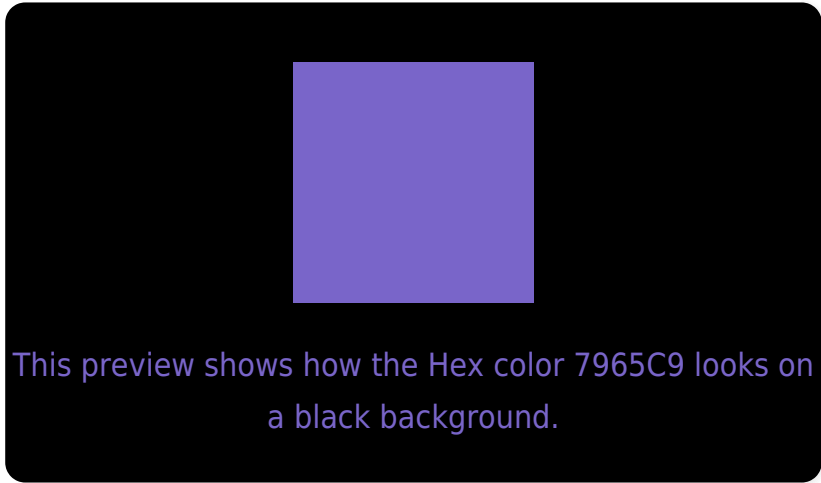
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

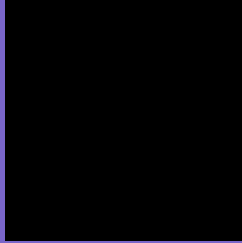
Any Text WCAG AA ✓ Pass

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](#).

Hex 7965C9 Background



This preview shows how black text looks on a background with the Hex color 7965C9.

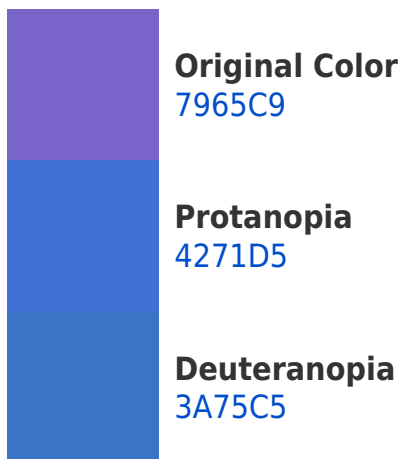


This preview shows how white text looks on a background with the Hex color 7965C9.

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
687780

Trichromacy



Original Color
7965C9

Protanomaly
566DD1

Deuteranomaly
516FC6

Tritanomaly
6E709B

Monochromacy



Original Color
7965C9

Achromatopsia
767676

Achromatomaly
777094

CSS Examples

Text

The CSS property to change the color of the text to Hex 7965C9 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 #7965C9 looks like.

```
.text, #text, p{  
    color:#7965C9  
}
```

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 #7965C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7965C9
}
```

Border

The CSS property to change the border of an element to Hex 7965C9 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
#7965C9 }
```

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

```
.border{ border-color:#7965C9 }
```

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

Here you see how a box with a 4 pixel #7965C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7965C9; -webkit-box-shadow:4px 4px  
4px 4px #7965C9; box-shadow:4px 4px 4px  
4px #7965C9 }
```

Background

The CSS property to change the background color of an element to Hex 7965C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7965C9 }
```

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

```
.background{ background-color:#7965C9 }
```

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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