

Converting Colors

Hex(7963E2)

Have a look what the booklet for
Hex(7963E2) contains.

Hex(7963E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7963E2)

Conversions

Conversions Part 1

Format	Color
Hex	7963E2
RGB	121, 99, 226
RGB Percent	47%, 39%, 89%
CMY	0.5255, 0.6118, 0.1137
CMYK	0.46, 0.56, 0.00, 0.11
HSL	250°, 69%, 64%
HSV	250°, 56%, 89%
XYZ	26.0745, 18.4796, 74.1442
YIQ	120.0560, -27.6550, 44.1610

Conversions

Conversions Part 2

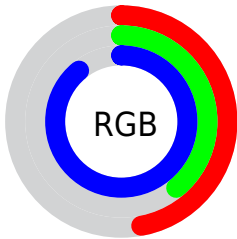
Format	Color
R_{YB}	121, 99, 226
Decimal	7955426
CIE _{Lab}	50.07, 40.09, -62.04
CIE _{LCh}	50, 73.862, 302.871
Yxy	18.4796, 0.2197, 0.1557
Android (android.graphics.Color)	4286145506 (0xFF7963E2)
YUV	120.0560, 52.2304, 0.8279
Hunter-Lab	42.9879, 33.0409, -72.1699

Details

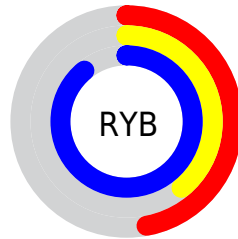
The Hex color **7963E2** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **CCE263**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B396FF**, and **3D33AA** is the 20% darker color. If you saturate the color by 10%, you get **664CE2**, and if you desaturate by 10%, it is **8C7AE2**.

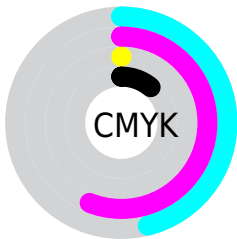
Distribution



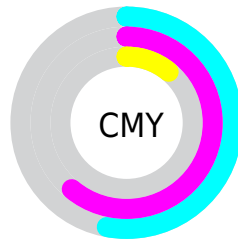
- Red (47%)
- Green (39%)
- Blue (89%)



- Red (47%)
- Yellow (39%)
- Blue (89%)



- Cyan (46%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (61%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7963E2 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 7963E2 by changing the saturation by 10% instead.

■ 7963E2

■ 7963E2

FFFFFF

■ 5C4BC6

■ B396FF

■ 3D33AA

■ D1B1FF

■ 161D8F

■ EECDFE

■ 000774

■ FFE9FF

■ 00005B

■ 000742

■ 00032B

■ 000115

■ 000000

7963E2

7963E2

664CE2

8C7AE2

5436E2

9E90E2

411FE2

B1A7E2

2E09E2

C4BDE2

2700E2

D6D4E2

E9EBE2

FCFFE2

FFFFE2

Harmonies

Analogous

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



007EF6



7963E2



C53EB2

Triad

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



7963E2



BC5D00



00927C

Complementary

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



7963E2



CCE263

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.



008E39



7963E2



8B7700

Square

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



7963E2



DC3937



498600



0092BA

Rectangle

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



7963E2



DD2589



498600



009166

Sweetspot

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



7963E2



DBD4FF



63CDE2



6A6680



000000



808080

Same Dimension

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



7963E2



7254FF



B863E2



676570



1E00B0



080030

Inverse Universe

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



E263CC



FF54E1



8DE263



70656E



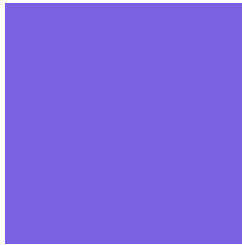
B00091



300028

Previews

White Background



This preview shows how the Hex color 7963E2 looks on a white background.

Color Contrast Check

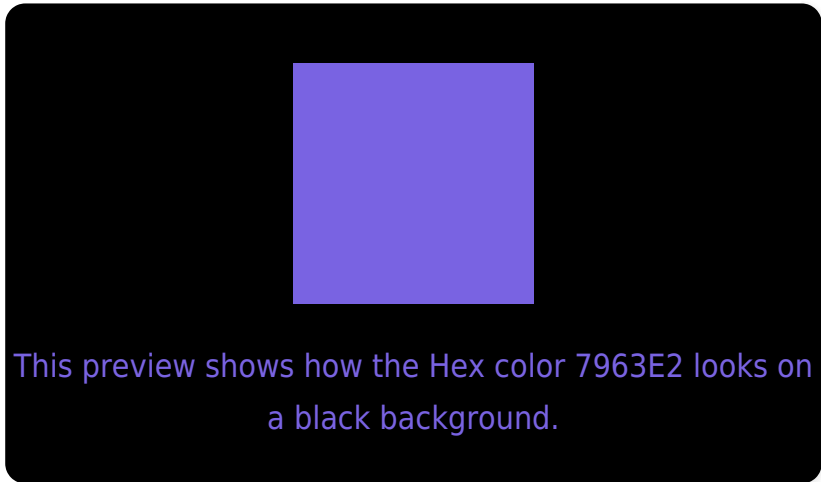
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

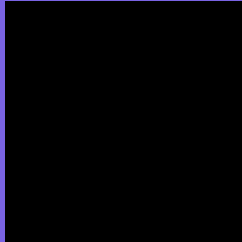
Any Text WCAG AA ✓ Pass

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 7963E2 Background



This preview shows how black text looks on a background with the Hex color 7963E2.

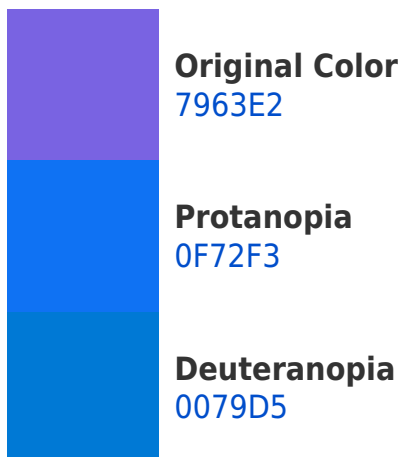


This preview shows how white text looks on a background with the Hex color 7963E2.

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](#).

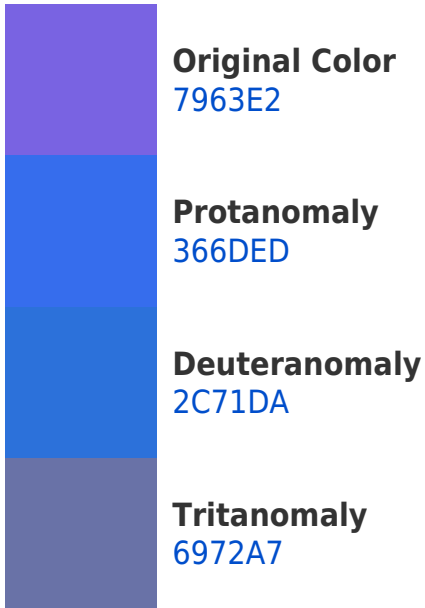
Dichromacy





Tritanopia
607B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7963E2 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 #7963E2 looks like.

```
.text, #text, p{  
    color:#7963E2  
}
```

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 #7963E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7963E2
}
```

Border

The CSS property to change the border of an element to Hex 7963E2 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
#7963E2 }
```

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

```
.border{ border-color:#7963E2 }
```

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

Here you see how a box with a 4 pixel #7963E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7963E2; -webkit-box-shadow:4px 4px  
4px 4px #7963E2; box-shadow:4px 4px 4px  
4px #7963E2 }
```

Background

The CSS property to change the background color of an element to Hex 7963E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7963E2 }
```

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

```
.background{ background-color:#7963E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor