

Converting Colors

Hex(8264E2)

Have a look what the booklet for
Hex(8264E2) contains.

Hex(8264E2)	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(8264E2)

Conversions

Conversions Part 1

Format	Color
Hex	8264E2
RGB	130, 100, 226
RGB Percent	51%, 39%, 89%
CMY	0.4902, 0.6078, 0.1137
CMYK	0.42, 0.56, 0.00, 0.11
HSL	254°, 68%, 64%
HSV	254°, 56%, 89%
XYZ	27.4906, 19.3512, 74.2377
YIQ	123.3340, -22.5660, 45.5460

Conversions

Conversions Part 2

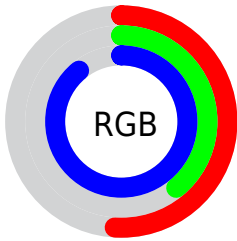
Format	Color
RYB	130, 100, 226
Decimal	8545506
CIELab	51.10, 41.46, -60.35
CIELCh	51, 73.216, 304.488
Yxy	19.3512, 0.2270, 0.1598
Android (android.graphics.Color)	4286735586 (0xFF8264E2)
YUV	123.3340, 50.6143, 5.8461
Hunter-Lab	43.9899, 34.5673, -69.2652

Details

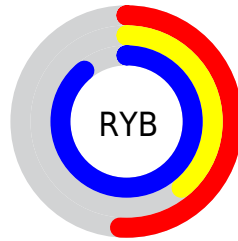
The Hex color **8264E2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C4E264**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BC98FF**, and **4834AA** is the 20% darker color. If you saturate the color by 10%, you get **714DE2**, and if you desaturate by 10%, it is **937BE2**.

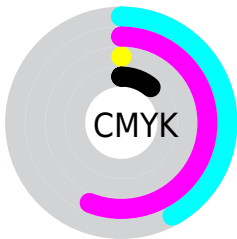
Distribution



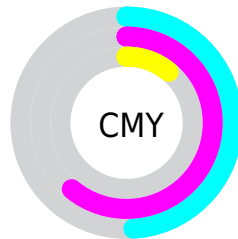
- Red (51%)
- Green (39%)
- Blue (89%)



- Red (51%)
- Yellow (39%)
- Blue (89%)



- Cyan (42%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (61%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8264E2 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 8264E2 by changing the saturation by 10% instead.

■ 8264E2

■ 8264E2

FFFFFF

■ 654BC6

■ BC98FF

■ 4834AA

■ D9B3FF

■ 271D8F

■ F7CFFF

■ 000574

■ FFEBFF

■ 00005B

■ 000542

■ 00032B

■ 000116

■ 000000

 8264E2

 8264E2

 714DE2

 937BE2

 6037E2

 A491E2

 4E20E2

 B6A8E2

 3D0AE2

 C7BEE2

 3600E2

 D8D5E2

 E9ECE2

 FBFFE2

 FFFFE2

Harmonies

Analogous

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



007FF8



8264E2



CA40B1

Triad

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



8264E2



BD6100



009582

Complementary

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



8264E2



C4E264

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.



009140



8264E2



8B7A00

Square

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



8264E2



DE4036



498900



0094BF

Rectangle

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



8264E2



E02B88



498900



00946C

Sweetspot

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



8264E2



DED4FF



64C5E2



6C6680



000000



808080

Same Dimension

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



8264E2



7D54FF



C064E2



686570



2A00B0



0C0030

Inverse Universe

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



E264C4



FF54D6



86E264



70656E



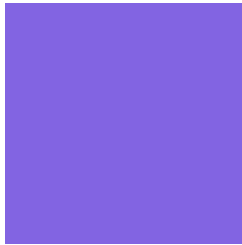
B00086



300025

Previews

White Background



This preview shows how the Hex color 8264E2 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

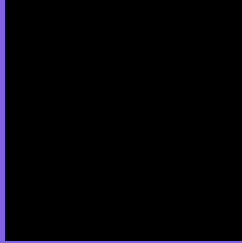
Any Text WCAG AA ✓ Pass

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 8264E2 Background



This preview shows how black text looks on a background with the Hex color 8264E2.

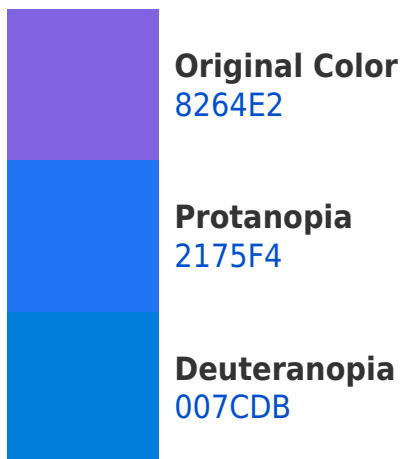


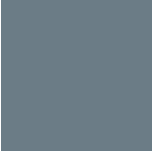
This preview shows how white text looks on a background with the Hex color 8264E2.

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
6B7C86

Trichromacy



Original Color
8264E2



Protanomaly
446FED



Deuteranomaly
2F73DE



Tritanomaly
7373A7

Monochromacy



Original Color
8264E2



Achromatopsia
7B7B7B



Achromatomaly
7E73A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 8264E2 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 #8264E2 looks like.

```
.text, #text, p{  
    color:#8264E2  
}
```

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 #8264E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8264E2
}
```

Border

The CSS property to change the border of an element to Hex 8264E2 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
#8264E2 }
```

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

```
.border{ border-color:#8264E2 }
```

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

Here you see how a box with a 4 pixel #8264E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8264E2; -webkit-box-shadow:4px 4px  
4px 4px #8264E2; box-shadow:4px 4px 4px  
4px #8264E2 }
```

Background

The CSS property to change the background color of an element to Hex 8264E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8264E2 }
```

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

```
.background{ background-color:#8264E2 }
```

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