

Converting Colors

Hex(964EC0)

Have a look what the booklet for
Hex(964EC0) contains.

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Color

Hex(964EC0)

Conversions

Conversions Part 1

Format	Color
Hex	964EC0
RGB	150, 78, 192
RGB Percent	59%, 31%, 75%
CMY	0.4118, 0.6941, 0.2471
CMYK	0.22, 0.59, 0.00, 0.25
HSL	278°, 48%, 53%
HSV	278°, 59%, 75%
XYZ	24.8165, 15.7386, 51.5990
YIQ	112.5240, 6.3180, 50.7180

Conversions

Conversions Part 2

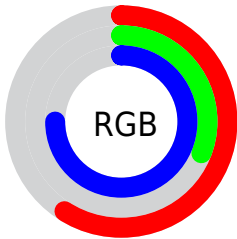
Format	Color
R _Y B	150, 78, 192
Decimal	9850560
CIE Lab	46.63, 49.62, -47.95
CIE LCh	47, 68.998, 315.982
Yxy	15.7386, 0.2693, 0.1708
Android (android.graphics.Color)	4288040640 (0xFF964EC0)
YUV	112.5240, 39.1817, 32.8665
Hunter-Lab	39.6719, 42.2338, -49.3450

Details

The Hex color **964EC0** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **78C04E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CF82F9**, and **5F198A** is the 20% darker color. If you saturate the color by 10%, you get **8F3BC0**, and if you desaturate by 10%, it is **9D61C0**.

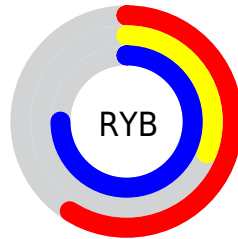
Distribution



Red (59%)

Green (31%)

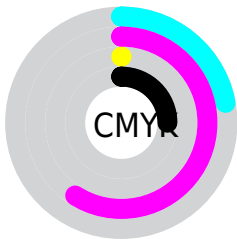
Blue (75%)



Red (59%)

Yellow (31%)

Blue (75%)

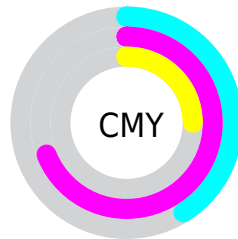


Cyan (22%)

Magenta (59%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (69%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 964EC0 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 964EC0 by changing the saturation by 10% instead.

964EC0

964EC0

FFFFFF

7A34A4

CF82F9

5F198A

EC9DFF

450070

FFB9FF

290057

FFD5FF

0F003F

FFF2FF

000328

000111

000000

964EC0

964EC0

8F3BC0

9D61C0

8828C0

A474C0

8114C0

AB88C0

7A01C0

B29BC0

7900C0

B9AEC0

C0C1C0

C8D4C0

CFE8C0

D6FBC0

Harmonies

Analogous

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



006BDF



964EC0



C72B8C

Triad

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



964EC0



9C6200



00888D

Complementary

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



964EC0



78C04E

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.



008650



964EC0



697500

Square

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



964EC0



C1451A



14800C



0086C1

Rectangle

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



964EC0



D22166



14800C



008779

Sweetspot

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



964EC0



E9CDFA



4E7AC0



73617D



FCFCFC



7D7D7D

Same Dimension

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



964EC0



B948FA



C04EB3



5D5761



6500A1



150021

Inverse Universe

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



C04E78



FA488A



4EC05B



61575B



A1003B



21000C

Previews

White Background



This preview shows how the Hex color 964EC0 looks on a white background.

Color Contrast Check

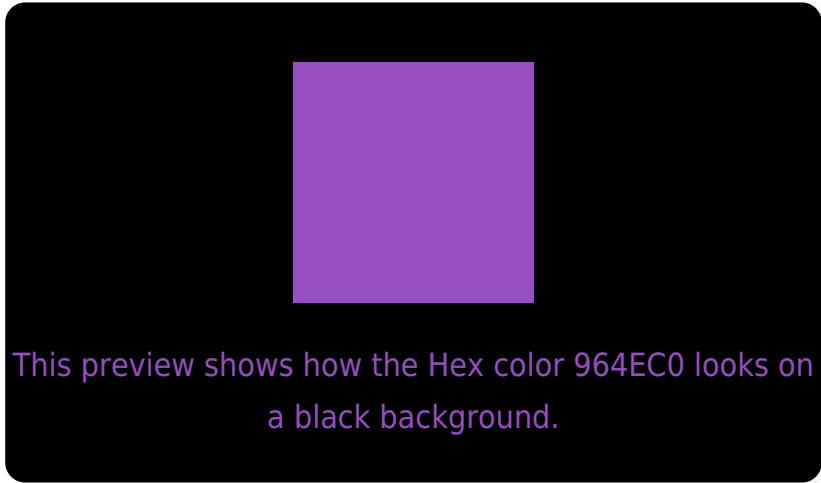
Large Text (above 18pt) WCAG AA ✓ Pass

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

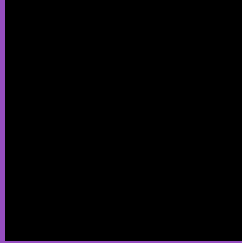
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 964EC0 Background



This preview shows how black text looks on a background with the Hex color 964EC0.

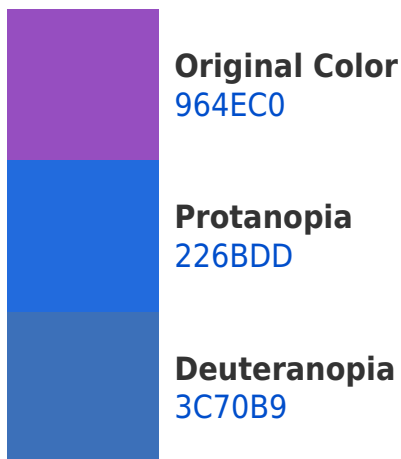



This preview shows how white text looks on a background with the Hex color 964EC0.

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](#).

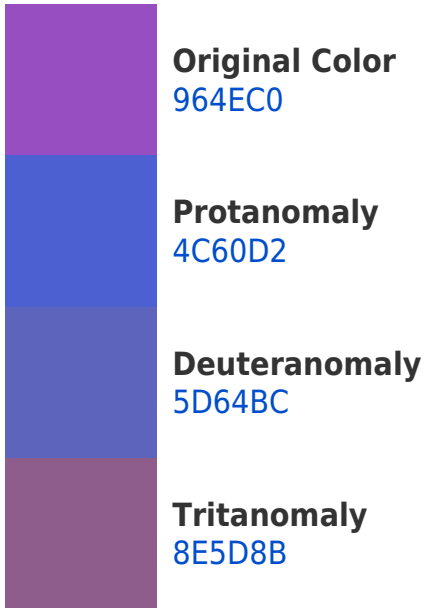
Dichromacy



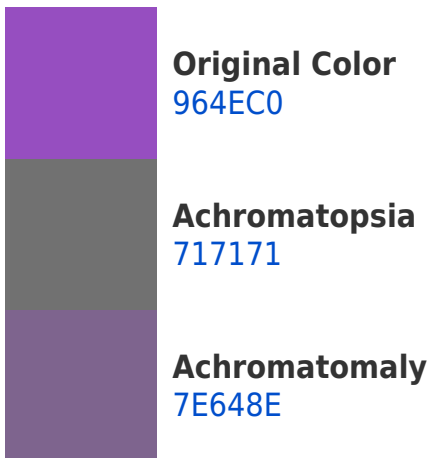


Tritanopia
89656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 964EC0 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 #964EC0 looks like.

```
.text, #text, p{  
    color:#964EC0  
}
```

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 #964EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964EC0
}
```

Border

The CSS property to change the border of an element to Hex 964EC0 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
#964EC0 }
```

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

```
.border{ border-color:#964EC0 }
```

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

Here you see how a box with a 4 pixel #964EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964EC0; -webkit-box-shadow:4px 4px  
4px 4px #964EC0; box-shadow:4px 4px 4px  
4px #964EC0 }
```

Background

The CSS property to change the background color of an element to Hex 964EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964EC0 }
```

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

```
.background{ background-color:#964EC0 }
```

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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