

Converting Colors

Hex(964BE3)

Have a look what the booklet for
Hex(964BE3) contains.

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Color

Hex(964BE3)

Conversions

Conversions Part 1

Format	Color
Hex	964BE3
RGB	150, 75, 227
RGB Percent	59%, 29%, 89%
CMY	0.4118, 0.7059, 0.1098
CMYK	0.34, 0.67, 0.00, 0.11
HSL	270°, 73%, 59%
HSV	270°, 67%, 89%
XYZ	28.9589, 17.0622, 74.4401
YIQ	114.7530, -4.0920, 63.1720

Conversions

Conversions Part 2

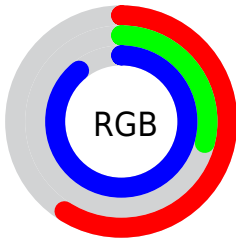
Format	Color
RYB	150, 75, 227
Decimal	9849827
CIELab	48.34, 59.13, -65.26
CIELCh	48, 88.063, 312.177
Yxy	17.0622, 0.2404, 0.1416
Android (android.graphics.Color)	4288039907 (0xFF964BE3)
YUV	114.7530, 55.3378, 30.9116
Hunter-Lab	41.3065, 52.8554, -77.9344

Details

The Hex color **964BE3** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **98E34B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D180FF**, and **5C10AB** is the 20% darker color. If you saturate the color by 10%, you get **8B34E3**, and if you desaturate by 10%, it is **A162E3**.

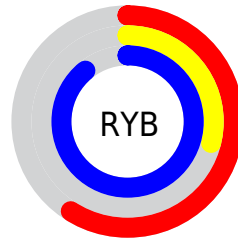
Distribution



Red (59%)

Green (29%)

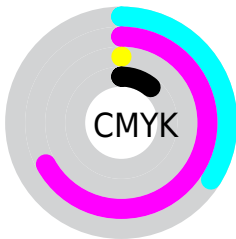
Blue (89%)



Red (59%)

Yellow (29%)

Blue (89%)

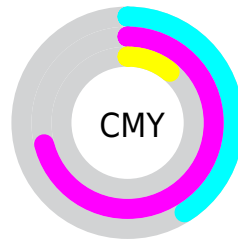


Cyan (34%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (71%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 964BE3 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 964BE3 by changing the saturation by 10% instead.

 964BE3

 964BE3

FFFFFF

 7930C6

 D180FF

 5C10AB

 EF9CFF

 3E008F

 FFB8FF

 1B0075

 FFD4FF

 00005B

 FFF1FF

 000043

 00032B

 000116

 000000

 964BE3

 964BE3

 8B34E3

 A162E3

 7F1EE3

 AD78E3

 7407E3

 B88FE3

 7000E3

 C4A6E3

 CFBDE3

 DBD3E3

 E6EAE3

 F2FFE3

 FDFFE3

Harmonies

Analogous

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



0073FF



964BE3



DD00A2

Triad

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



964BE3



B05E00



009090

Complementary

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



964BE3



98E34B

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.



008E41



964BE3



717900

Square

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



964BE3



DC2B07



008700



0090D7

Rectangle

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



964BE3



EE0071



008700



009076

Sweetspot

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



964BE3



E5CCFF



4B9AE3



706180



000000



808080

Same Dimension

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



964BE3



9833FF



E04BE3



6D6773



5800B3



190033

Inverse Universe

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



E34B98



FF339A



4EE34B



73676D



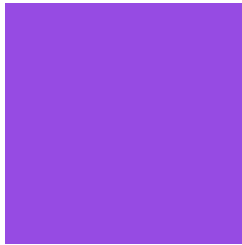
B3005A



33001A

Previews

White Background



This preview shows how the Hex color 964BE3 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

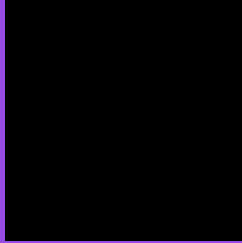
Any Text WCAG AA × Fail

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 964BE3 Background



This preview shows how black text looks on a background with the Hex color 964BE3.

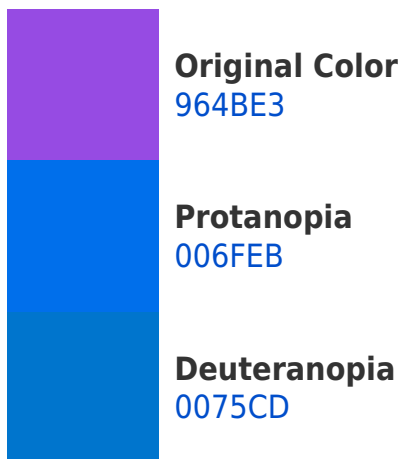


This preview shows how white text looks on a background with the Hex color 964BE3.

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](#).

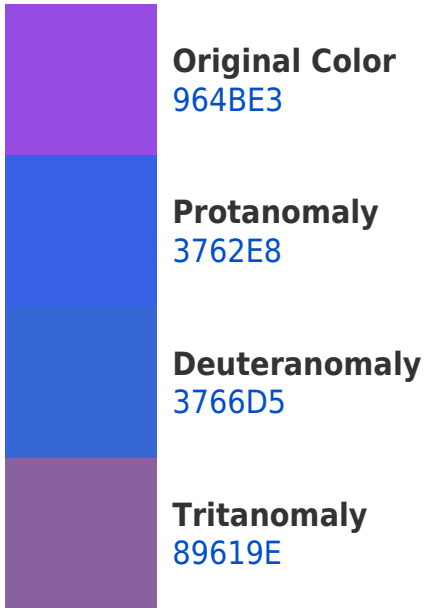
Dichromacy



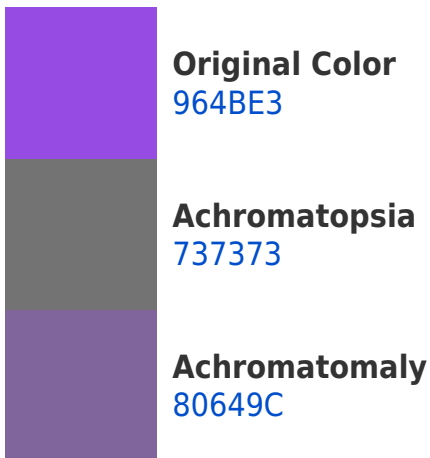


Tritanopia
816D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 964BE3 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 #964BE3 looks like.

```
.text, #text, p{  
    color:#964BE3  
}
```

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 #964BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964BE3
}
```

Border

The CSS property to change the border of an element to Hex 964BE3 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
#964BE3 }
```

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

```
.border{ border-color:#964BE3 }
```

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

Here you see how a box with a 4 pixel #964BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964BE3; -webkit-box-shadow:4px 4px  
4px 4px #964BE3; box-shadow:4px 4px 4px  
4px #964BE3 }
```

Background

The CSS property to change the background color of an element to Hex 964BE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964BE3 }
```

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

```
.background{ background-color:#964BE3 }
```

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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