

# Converting Colors

Hex(9060E3)

Have a look what the booklet for  
Hex(9060E3) contains.

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# Color

**Hex(9060E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9060E3
RGB	144, 96, 227
RGB Percent	56%, 38%, 89%
CMY	0.4353, 0.6235, 0.1098
CMYK	0.37, 0.58, 0.00, 0.11
HSL	262°, 70%, 63%
HSV	262°, 58%, 89%
XYZ	29.5496, 19.8411, 74.9453
YIQ	125.2860, -13.4430, 50.9170

# Conversions

## Conversions Part 2

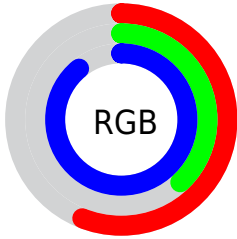
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 96, 227</a>
Decimal	<a href="#">9461987</a>
CIELab	<a href="#">51.66, 47.09, -59.94</a>
CIElCh	<a href="#">52, 76.226, 308.158</a>
Yxy	<a href="#">19.8411, 0.2377, 0.1596</a>
Android (android.graphics.Color)	<a href="#">4287652067 (0xFF9060E3)</a>
YUV	<a href="#">125.2860, 50.1450, 16.4122</a>
Hunter-Lab	<a href="#">44.5433, 40.4643, -68.5766</a>

# Details

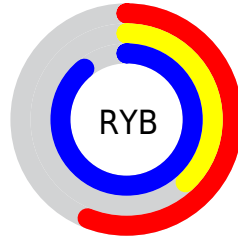
The Hex color **9060E3** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **B3E360**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CA94FF**, and **572EAB** is the 20% darker color. If you saturate the color by 10%, you get **8249E3**, and if you desaturate by 10%, it is **9E77E3**.

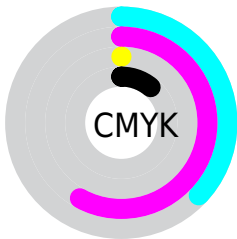
# Distribution



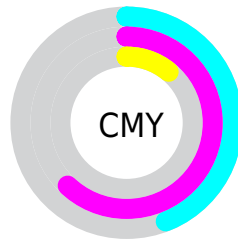
- Red (56%)
- Green (38%)
- Blue (89%)



- Red (56%)
- Yellow (38%)
- Blue (89%)



- Cyan (37%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (62%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9060E3 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 9060E3 by changing the saturation by 10% instead.



 9060E3

 9060E3

FFFFFF

 7447C7

 CA94FF

 572EAB

 E7AFFF

 391590

 FFCBFF

 160075

 FFE8FF

 00005C

 000043

 00032C

 000116

 000000

9060E3

9060E3

8249E3

9E77E3

7333E3

AD8DE3

651CE3

BBA4E3

5605E3

CABBE3

5300E3

D8D2E3

E6E8E3

F5FFE3

FFFFE3

# Harmonies

## Analogous

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



007EFE



9060E3



D437AD

# Triad

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



9060E3



BB6500



00978C

# Complementary

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



9060E3



B3E360

# 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.



009447



9060E3



857E00

# Square

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



9060E3



E0422D



3A8D00



0096CB

# Rectangle

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



9060E3



E82182



3A8D00



009675



# Sweetspot

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



9060E3



E4D4FF



60B5E3



6F6680



000000



808080



# Same Dimension

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



9060E3



904FFF



CF60E3



6B6773



4100B3



130033



# Inverse Universe

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



E360B3



FF4FBF



74E360



73676F



B30071

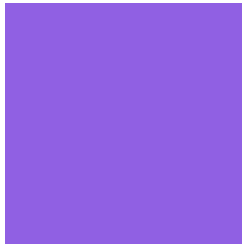


330020



# Previews

## White Background



This preview shows how the Hex color 9060E3 looks on a white background.

## Color Contrast Check

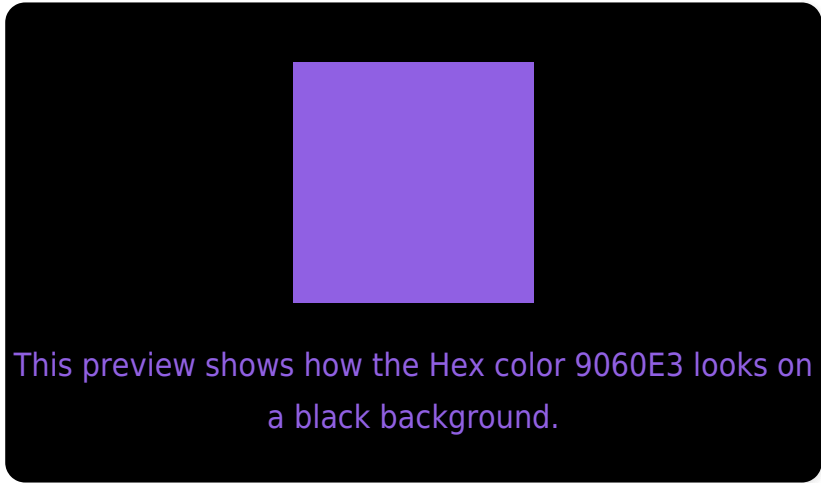
Large Text (above 18pt) WCAG AA ✓ Pass

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 9060E3 Background



This preview shows how black text looks on a background with the Hex color 9060E3.

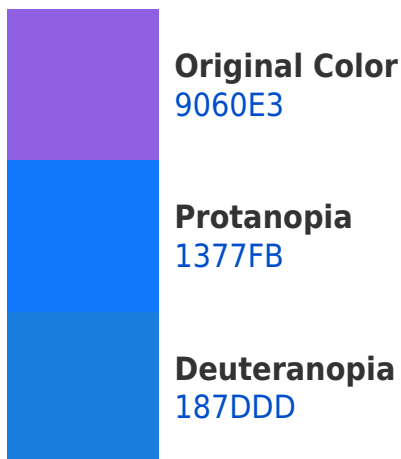



This preview shows how white text looks on a background with the Hex color 9060E3.

# 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](#).

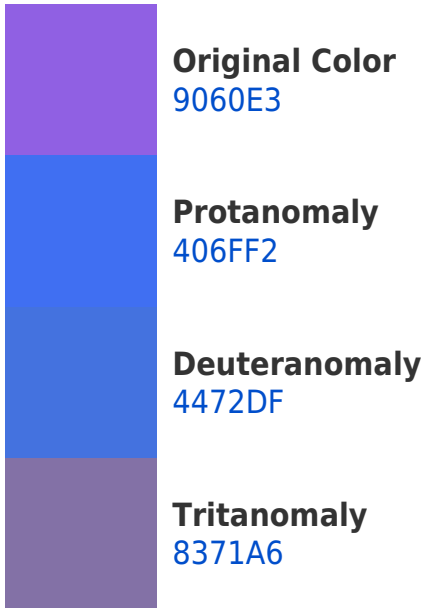
## Dichromacy





**Tritanopia**  
7C7A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9060E3 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 #9060E3 looks like.

```
.text, #text, p{  
    color:#9060E3  
}
```

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 #9060E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9060E3
}
```

## Border

The CSS property to change the border of an element to Hex 9060E3 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
#9060E3 }
```

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

```
.border{ border-color:#9060E3 }
```

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

Here you see how a box with a 4 pixel #9060E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9060E3; -webkit-box-shadow:4px 4px  
4px 4px #9060E3; box-shadow:4px 4px 4px  
4px #9060E3 }
```

# Background

The CSS property to change the background color of an element to Hex 9060E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9060E3 }
```

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

```
.background{ background-color:#9060E3 }
```

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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