

Converting Colors

Hex(9066E3)

Have a look what the booklet for
Hex(9066E3) contains.

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Color

Hex(9066E3)

Conversions

Conversions Part 1

Format	Color
Hex	9066E3
RGB	144, 102, 227
RGB Percent	56%, 40%, 89%
CMY	0.4353, 0.6000, 0.1098
CMYK	0.37, 0.55, 0.00, 0.11
HSL	260°, 69%, 65%
HSV	260°, 55%, 89%
XYZ	30.1181, 20.9781, 75.1348
YIQ	128.8080, -15.0930, 47.7790

Conversions

Conversions Part 2

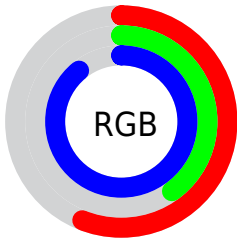
Format	Color
RYB	144, 102, 227
Decimal	9463523
CIELab	52.93, 43.79, -57.90
CIELCh	53, 72.591, 307.099
Yxy	20.9781, 0.2386, 0.1662
Android (android.graphics.Color)	4287653603 (0xFF9066E3)
YUV	128.8080, 48.4087, 13.3234
Hunter-Lab	45.8018, 37.2237, -65.1999

Details

The Hex color **9066E3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B9E366**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CA9AFF**, and **5735AB** is the 20% darker color. If you saturate the color by 10%, you get **814FE3**, and if you desaturate by 10%, it is **9F7DE3**.

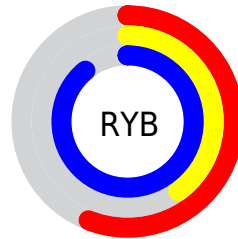
Distribution



Red (56%)

Green (40%)

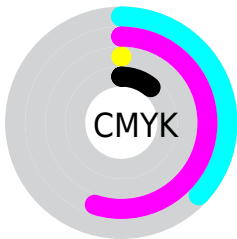
Blue (89%)



Red (56%)

Yellow (40%)

Blue (89%)

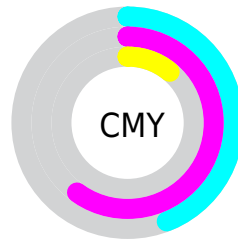


Cyan (37%)

Magenta (55%)

Yellow (0%)

Black (11%)



Cyan (44%)

Magenta (60%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9066E3 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 9066E3 by changing the saturation by 10% instead.

 9066E3

 9066E3

FFFFFF

 744DC7

 CA9AFF

 5735AB

 E7B6FF

 3A1D90

 FFD1FF

 180375

 FFEEFF

 00005C

 000043

 00032C

 000116

 000000

9066E3

9066E3

814FE3

9F7DE3

7239E3

AE93E3

6322E3

BDAAE3

540BE3

CCC1E3

4C00E3

DBD8E3

EAE3E3

FAFFE3

FFFFE3

Harmonies

Analogous

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



0082FC



9066E3



D343B0

Triad

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



9066E3



BE6900



009A8C

Complementary

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



9066E3



B9E366

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.



00974A



9066E3



8B8100

Square

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



9066E3



E14936



478F00



0099C9

Rectangle

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



9066E3



E73287



478F00



009976

Sweetspot

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



9066E3



E2D4FF



66B9E3



6F6680



000000



808080

Same Dimension

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



9066E3



8F57FF



CE66E3



6B6773



3C00B3



110033

Inverse Universe

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



E366B9



FF57C6



7BE366



73676F



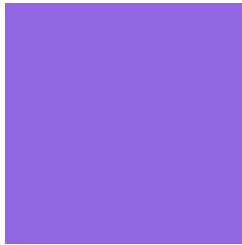
B30077



330022

Previews

White Background



This preview shows how the Hex color 9066E3 looks on a white background.

Color Contrast Check

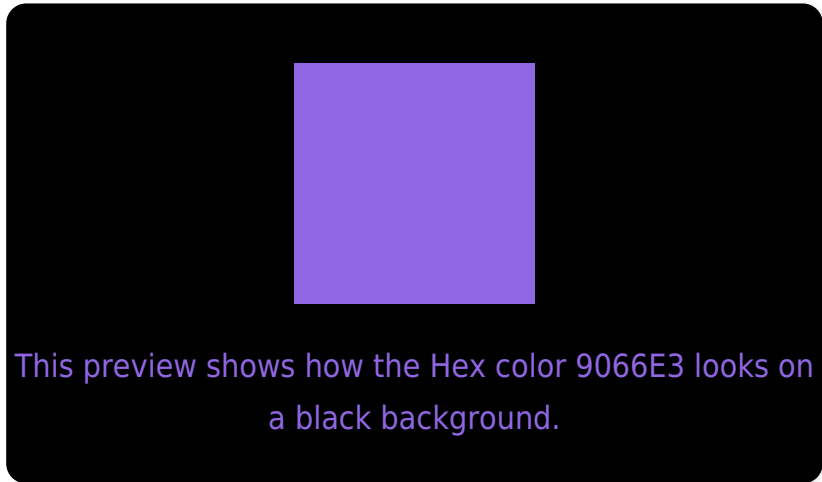
Large Text (above 18pt) WCAG AA ✓ Pass

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 9066E3 Background



This preview shows how black text looks on a background with the Hex color 9066E3.

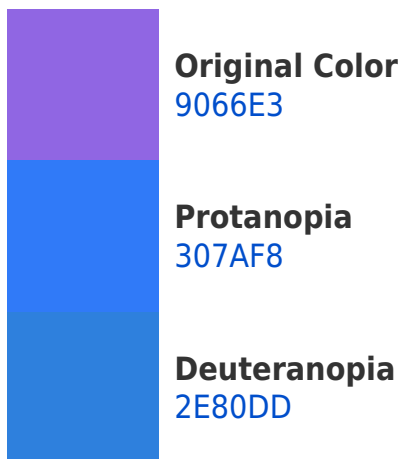


This preview shows how white text looks on a background with the Hex color 9066E3.

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](#).

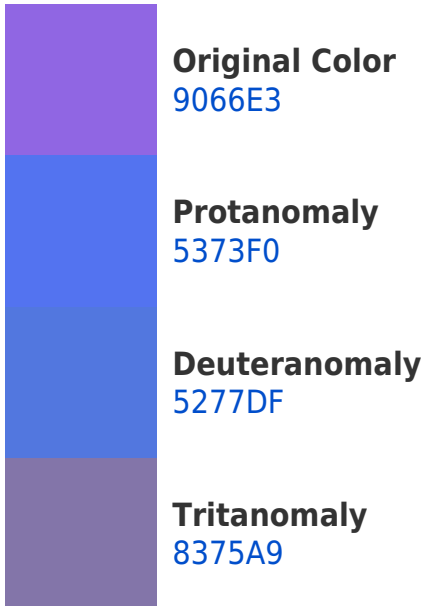
Dichromacy



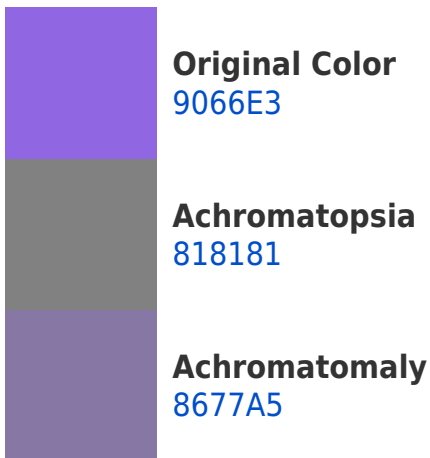


Tritanopia
7C7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9066E3 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 #9066E3 looks like.

```
.text, #text, p{  
    color:#9066E3  
}
```

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 #9066E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9066E3
}
```

Border

The CSS property to change the border of an element to Hex 9066E3 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
#9066E3 }
```

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

```
.border{ border-color:#9066E3 }
```

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

Here you see how a box with a 4 pixel #9066E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9066E3; -webkit-box-shadow:4px 4px  
4px 4px #9066E3; box-shadow:4px 4px 4px  
4px #9066E3 }
```

Background

The CSS property to change the background color of an element to Hex 9066E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9066E3 }
```

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

```
.background{ background-color:#9066E3 }
```

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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