

Converting Colors

Hex(9620EB)

Have a look what the booklet for
Hex(9620EB) contains.

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Color

Hex(9620EB)

Conversions

Conversions Part 1

Format	Color
Hex	9620EB
RGB	150, 32, 235
RGB Percent	59%, 13%, 92%
CMY	0.4118, 0.8745, 0.0784
CMYK	0.36, 0.86, 0.00, 0.08
HSL	275°, 84%, 52%
HSV	275°, 86%, 92%
XYZ	28.0896, 13.5152, 79.7255
YIQ	90.4240, 5.1650, 88.1490

Conversions

Conversions Part 2

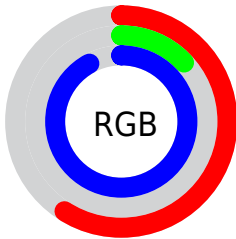
Format	Color
R_{YB}	150, 32, 235
Decimal	9838827
CIE _{Lab}	43.53, 76.45, -77.63
CIE _{LCh}	44, 108.955, 314.564
Yxy	13.5152, 0.2315, 0.1114
Android (android.graphics.Color)	4288028907 (0xFF9620EB)
YUV	90.4240, 71.2760, 52.2482
Hunter-Lab	36.7630, 72.0514, -102.8440

Details

The Hex color **9620EB** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **75EB20**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D360FF**, and **5900B2** is the 20% darker color. If you saturate the color by 10%, you get **8C08EB**, and if you desaturate by 10%, it is **A037EB**.

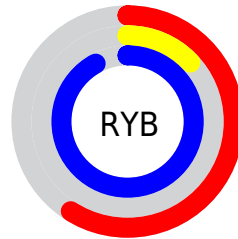
Distribution



Red (59%)

Green (13%)

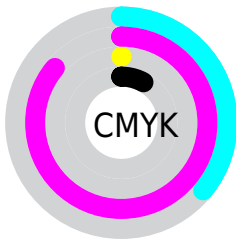
Blue (92%)



Red (59%)

Yellow (13%)

Blue (92%)

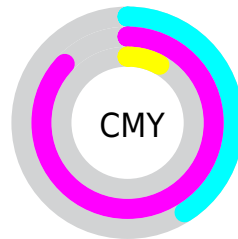


Cyan (36%)

Magenta (86%)

Yellow (0%)

Black (8%)



Cyan (41%)

Magenta (87%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9620EB 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 9620EB by changing the saturation by 10% instead.

 9620EB

 9620EB

FFFFFF

 7800CE

 D360FF

 5900B2

 F17DFF

 380096

 FF9AFF

 08007B

 FFB6FF

 000061

 FFD4FF

 000448

 FFF1FF

 000431

 00011B

 000000

 9620EB

 9620EB

 8C08EB

 A037EB

 8900EB

 AA4FEB

 B466EB

 BD7EEB

 C795EB

 D1ADEB

 DBC4EB

 E5DCEB

 EFF3EB

Harmonies

Analogous

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



0067FF



9620EB



E70099

Triad

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



9620EB



A35100



008793

Complementary

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



9620EB



75EB20

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.



008432



9620EB



547100

Square

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



9620EB



DC0000



007F00



0087E7

Rectangle

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



9620EB



F8005E



007F00



008673

Sweetspot

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



9620EB



E3BDFE



2078EB



6F5880



000000



808080

Same Dimension

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



9620EB



9400FF



EB20DD



706A75



6900B5



1F0036

Inverse Universe

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



EB2075



FF006B



20EB2E



756A6E



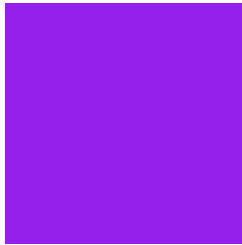
B5004C



360016

Previews

White Background



This preview shows how the Hex color 9620EB looks on a white background.

Color Contrast Check

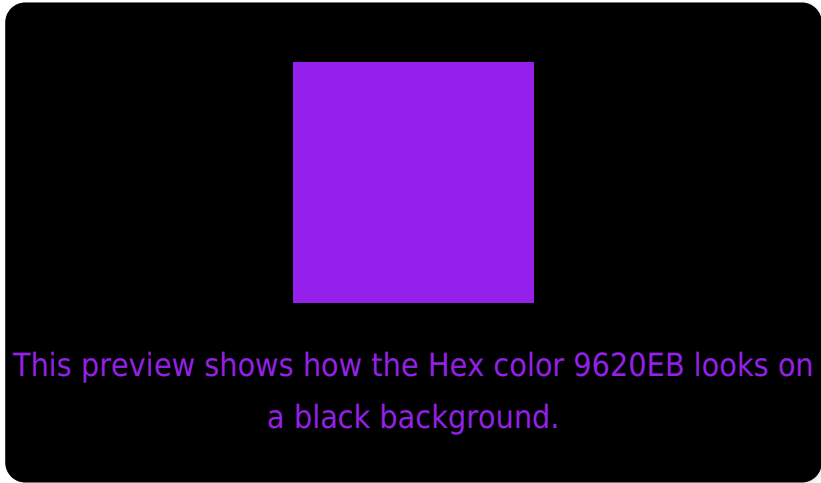
Large Text (above 18pt) WCAG AA ✓ Pass

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

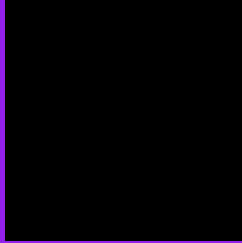
Any Text WCAG AA × Fail

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 9620EB Background



This preview shows how black text looks on a background with the Hex color 9620EB.

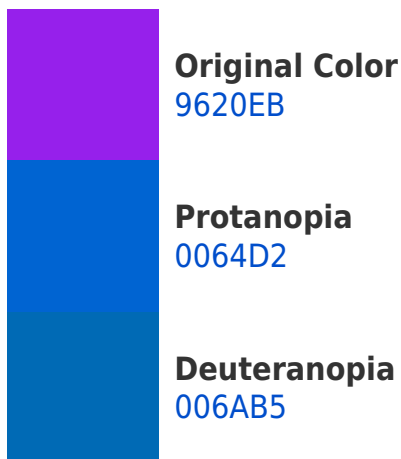


This preview shows how white text looks on a background with the Hex color 9620EB.

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](#).

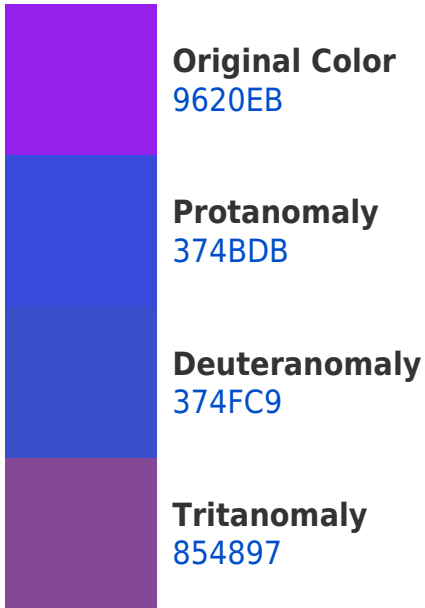
Dichromacy



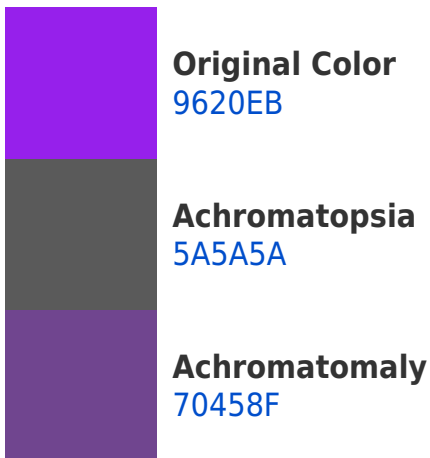


Tritanopia
7C5F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9620EB 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 #9620EB looks like.

```
.text, #text, p{  
    color:#9620EB  
}
```

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 #9620EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9620EB
}
```

Border

The CSS property to change the border of an element to Hex 9620EB 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".

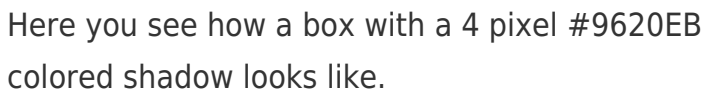
```
.border, #border, table{ border:4px solid
#9620EB }
```

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

```
.border{ border-color:#9620EB }
```

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

Here you see how a box with a 4 pixel #9620EB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9620EB; -webkit-box-shadow:4px 4px  
4px 4px #9620EB; box-shadow:4px 4px 4px  
4px #9620EB }
```

Background

The CSS property to change the background color of an element to Hex 9620EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9620EB }
```

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

```
.background{ background-color:#9620EB }
```

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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