

Converting Colors

Hex(9042B8)

Have a look what the booklet for
Hex(9042B8) contains.

Hex(9042B8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9042B8)

Conversions

Conversions Part 1

Format	Color
Hex	9042B8
RGB	144, 66, 184
RGB Percent	56%, 26%, 72%
CMY	0.4353, 0.7412, 0.2784
CMYK	0.22, 0.64, 0.00, 0.28
HSL	280°, 47%, 49%
HSV	280°, 64%, 72%
XYZ	22.1015, 13.2864, 46.7471
YIQ	102.7740, 8.6100, 53.2340

Conversions

Conversions Part 2

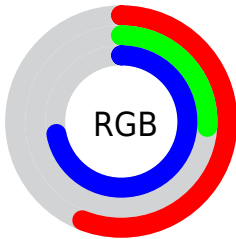
Format	Color
RYB	144, 66, 184
Decimal	9454264
CIELab	43.19, 52.33, -48.82
CIELCh	43, 71.570, 316.985
Yxy	13.2864, 0.2691, 0.1618
Android (android.graphics.Color)	4287644344 (0xFF9042B8)
YUV	102.7740, 40.0444, 36.1552
Hunter-Lab	36.4505, 44.4439, -50.5228

Details

The Hex color **9042B8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6AB842**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C977F1**, and **590582** is the 20% darker color. If you saturate the color by 10%, you get **8A30B8**, and if you desaturate by 10%, it is **9654B8**.

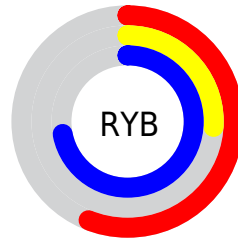
Distribution



Red (56%)

Green (26%)

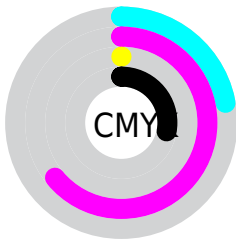
Blue (72%)



Red (56%)

Yellow (26%)

Blue (72%)

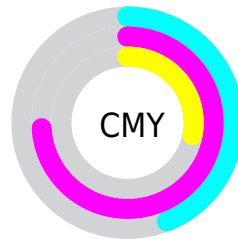


Cyan (22%)

Magenta (64%)

Yellow (0%)

Black (28%)



Cyan (44%)

Magenta (74%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9042B8 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 9042B8 by changing the saturation by 10% instead.

9042B8

9042B8

FFFFFF

74279D

C977F1

590582

E692FF

3E0068

FFADFF

240050

FFC9FF

000038

FFE6FF

000221

000006

000000

9042B8

9042B8

 8A30B8

 9654B8

 841DB8

 9C67B8

 7D0BB8

 A379B8

 7A00B8

 A98CB8

 AF9EB8

 B5B0B8

 BCC3B8

 C2D5B8

 C8E8B8

Harmonies

Analogous

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



0062D9



9042B8



C01282

Triad

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



9042B8



925A00



007F87

Complementary

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



9042B8



6AB842

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.



007D49



9042B8



5D6E00

Square

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



9042B8



B83B08



007800



007DBD

Rectangle

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



9042B8



CB005B



007800



007F73

Sweetspot

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



9042B8



E0C2F0



426BB8



6F5C78



F7F7F7



787878

Same Dimension

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



9042B8



B137F0



B842A6



59535C



67009C



13001C

Inverse Universe

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



B8426A



F03776



42B854



5C5356



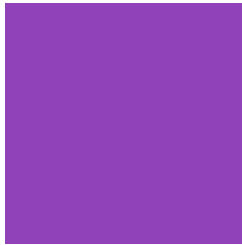
9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 9042B8 looks on a white background.

Color Contrast Check

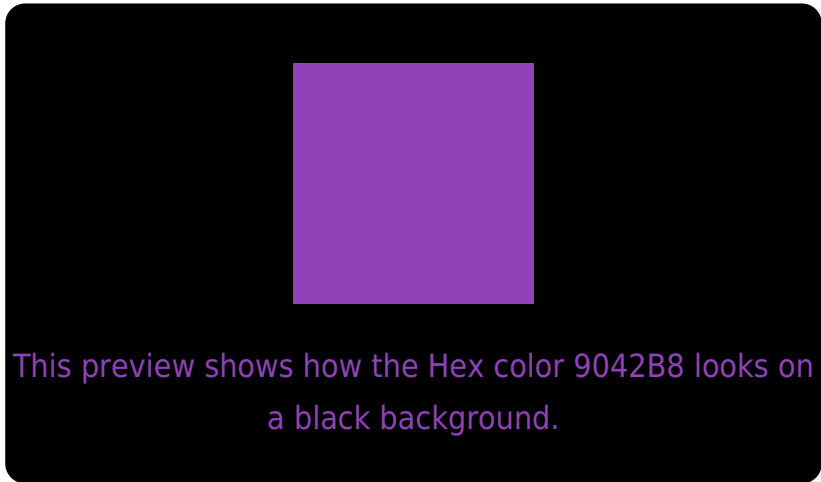
Large Text (above 18pt) WCAG AA ✓ Pass

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

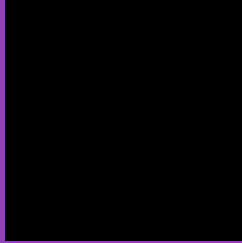
Any Text WCAG AA × Fail

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 9042B8 Background



This preview shows how black text looks on a background with the Hex color 9042B8.



This preview shows how white text looks on a background with the Hex color 9042B8.

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](#).

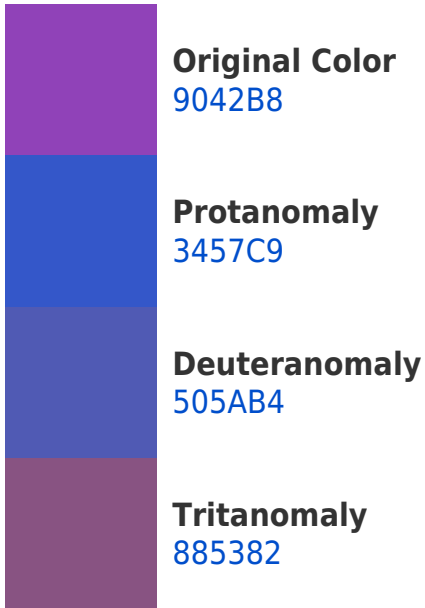
Dichromacy



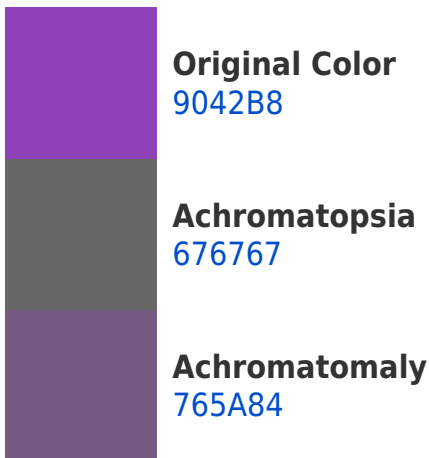


Tritanopia
835C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9042B8 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 #9042B8 looks like.

```
.text, #text, p{  
    color:#9042B8  
}
```

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 #9042B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9042B8  
}
```

Border

The CSS property to change the border of an element to Hex 9042B8 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  
#9042B8 }
```

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

```
.border{ border-color:#9042B8 }
```

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

Here you see how a box with a 4 pixel #9042B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9042B8; -webkit-box-shadow:4px 4px  
4px 4px #9042B8; box-shadow:4px 4px 4px  
4px #9042B8 }
```

Background

The CSS property to change the background color of an element to Hex 9042B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9042B8 }
```

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

```
.background{ background-color:#9042B8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor