

Converting Colors

Decimal(9109657)

Have a look what the booklet for
Decimal(9109657) contains.

Decimal(9109657)	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

Decimal(9109657)

Conversions

Conversions Part 1

Format	Color
Hex	8B0099
RGB	139, 0, 153
RGB Percent	55%, 0%, 60%
CMY	0.4549, 1.0000, 0.4000
CMYK	0.09, 1.00, 0.00, 0.40
HSL	295°, 100%, 30%
HSV	295°, 100%, 60%
XYZ	16.3972, 7.7889, 30.7762
YIQ	59.0030, 33.7310, 77.0510

Conversions

Conversions Part 2

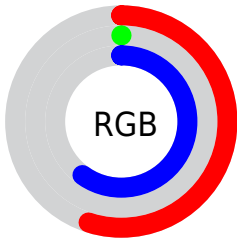
Format	Color
R_{YB}	139, 0, 153
Decimal	9109657
CIE _{Lab}	33.54, 64.81, -45.84
CIE _{LCh}	34, 79.386, 324.728
Yxy	7.7889, 0.2983, 0.1417
Android (android.graphics.Color)	4287299737 (0xFF8B0099)
YUV	59.0030, 46.3405, 70.1574
Hunter-Lab	27.9086, 56.0349, -45.8461

Details

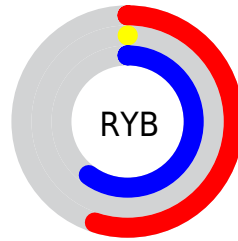
The Decimal color **9109657** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **956672**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **12864720**, and **5505125** is the 20% darker color. If you saturate the color by 10%, you get **9109657**, and if you desaturate by 10%, it is **9179033**.

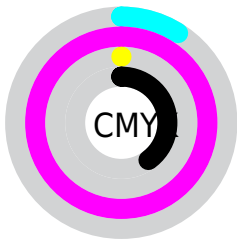
Distribution



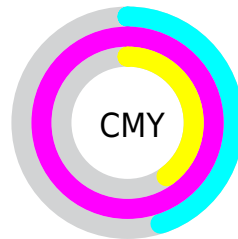
- Red (55%)
- Green (0%)
- Blue (60%)



- Red (55%)
- Yellow (0%)
- Blue (60%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9109657 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 Decimal color 9109657 by changing the saturation by 10% instead.

 9109657

 9109657

16777215

 7274623

 12864720

 5505125

 14838253

 3735628

 16745983

 1966133

 16753151

 542

 16760575

 1

 16767999

 0

 16775423

 9109657

■ 9179033

■ 9314201

■ 9383577

■ 9518489

■ 9588121

■ 9657497

■ 9792409

■ 9861785

■ 9996953

Harmonies

Analogous

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



17604



9109657



11665501

Triad

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



9109657



7031040



26499

Complementary

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



9109657



956672

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.



25922



9109657



2906624

Square

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



9109657



9905152



25088



26039

Rectangle

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



9109657



11862068



25088



26222

Sweetspot

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



9109657



12684231



3993



6307939



14935011



6513507

Same Dimension

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



9109657



11862215



10027100



4998477



8323212



786445

Inverse Universe

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



10027022



13041682



39229



5064006



9175053



851969

Previews

White Background



This preview shows how the Decimal color 9109657 looks on a white background.

Color Contrast Check

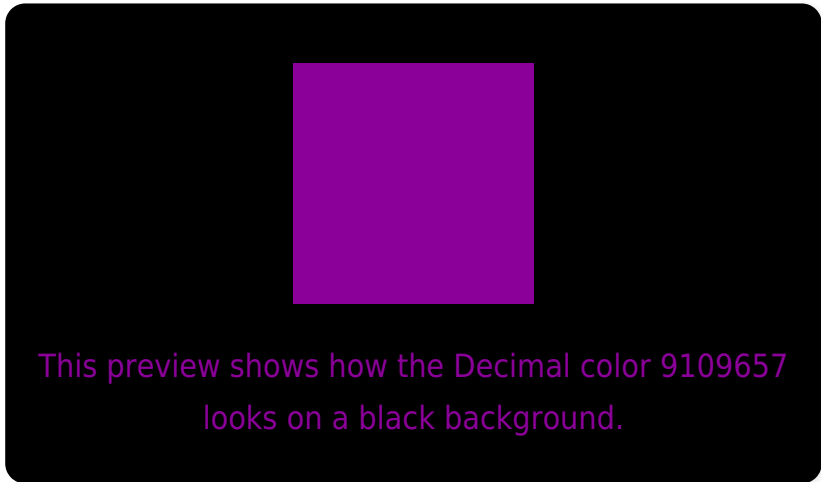
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

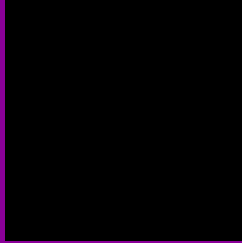
Any Text WCAG AA × Fail

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](#).

Decimal 9109657 Background



This preview shows how black text looks on a background with the Decimal color 9109657.

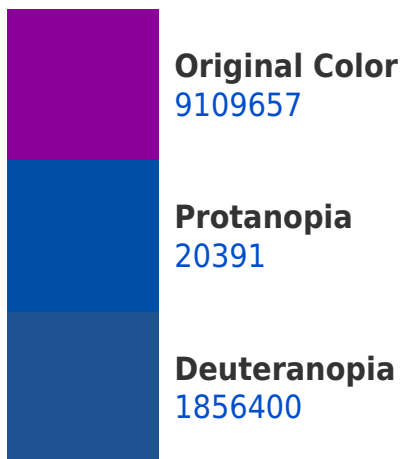


This preview shows how white text looks on a background with the Decimal color 9109657.

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
8404032

Trichromacy



Original Color
9109657

Protanomaly
3355298

Deuteranomaly
4470163

Tritanomaly
8660576

Monochromacy



Original Color
9109657

Achromatopsia
3881787

Achromatomaly
5776989

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9109657 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 #8B0099 looks like.

```
.text, #text, p{  
  color:#8B0099  
}
```

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 #8B0099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B0099
}
```

Border

The CSS property to change the border of an element to Decimal 9109657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

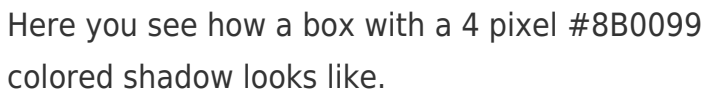
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B0099 }
```

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

```
.border{ border-color:#8B0099 }
```

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



Here you see how a box with a 4 pixel #8B0099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B0099; -webkit-box-shadow:4px 4px  
4px 4px #8B0099; box-shadow:4px 4px 4px  
4px #8B0099 }
```

Background

The CSS property to change the background color of an element to Decimal 9109657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B0099 }
```

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

```
.background{ background-color:#8B0099 }
```

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