

Converting Colors

Decimal(9336216)

Have a look what the booklet for
Decimal(9336216) contains.

Decimal(9336216)	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(9336216)

Conversions

Conversions Part 1

Format	Color
Hex	8E7598
RGB	142, 117, 152
RGB Percent	56%, 46%, 60%
CMY	0.4431, 0.5412, 0.4039
CMYK	0.07, 0.23, 0.00, 0.40
HSL	283°, 15%, 53%
HSV	283°, 23%, 60%
XYZ	23.1841, 20.7404, 32.4871
YIQ	128.4650, 3.6650, 16.1850

Conversions

Conversions Part 2

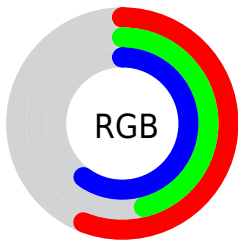
Format	Color
R_{YB}	142, 117, 152
Decimal	9336216
CIE _{Lab}	52.66, 16.44, -15.26
CIE _{LCh}	53, 22.429, 317.139
Y _{xy}	20.7404, 0.3034, 0.2714
Android (android.graphics.Color)	4287526296 (0xFF8E7598)
YUV	128.4650, 11.6028, 11.8702
Hunter-Lab	45.5416, 11.1722, -10.4154

Details

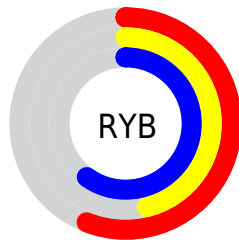
The Decimal color **9336216** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8362101**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **12888526**, and **5981541** is the 20% darker color. If you saturate the color by 10%, you get **9070232**, and if you desaturate by 10%, it is **9602200**.

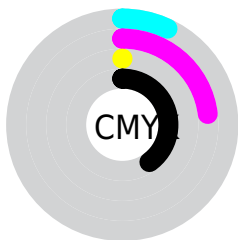
Distribution



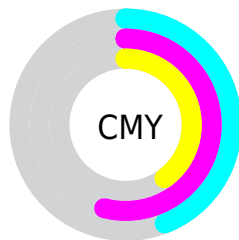
- Red (56%)
- Green (46%)
- Blue (60%)



- Red (56%)
- Yellow (46%)
- Blue (60%)



- Cyan (7%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9336216 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 9336216 by changing the saturation by 10% instead.



9336216



9336216

16777215



7625854



12888526



5981541



14730731



4468301



16638463



2955574



16776703



1703969



6



0



9336216



9336216



9070232



9602200

8738712

9933720

8472472

10199960

8206488

10465944

7874968

10797464

7608984

11063448

7343000

11329432

7143576

11661208

11927192

Harmonies

Analogous

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



7699618



9336216



10449031

Triad

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



9336216



9665112



4491400

Complementary

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



9336216



8362101

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.



5539956



9336216



8421465

Square

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



9336216



10515298



6980963



4556441

Rectangle

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



9336216



10776442



6980963



4819074

Sweetspot

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



9336216



12629956



7700632



6380387



14935011



6513507

Same Dimension

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



9336216



11898308



9991569



4867405



6553740



589837

Inverse Universe

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



9991551



12881309



7706748



5064007



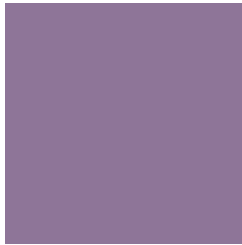
9175080



851972

Previews

White Background



This preview shows how the Decimal color 9336216 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



This preview shows how the Decimal color 9336216 looks on a 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](#).

Decimal 9336216 Background



This preview shows how black text looks on a background with the Decimal color 9336216.

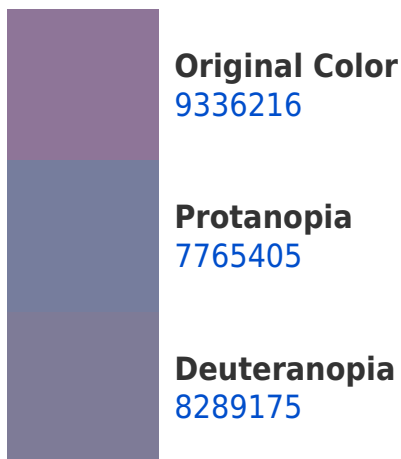



This preview shows how white text looks on a background with the Decimal color 9336216.

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
9140610

Trichromacy



Original Color
9336216

Protanomaly
8354459

Deuteranomaly
8681879

Tritanomaly
9205898

Monochromacy



Original Color
9336216

Achromatopsia
8421504

Achromatomaly
8748169

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9336216 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 #8E7598 looks like.

```
.text, #text, p{  
    color:#8E7598  
}
```

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 #8E7598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E7598  
}
```

Border

The CSS property to change the border of an element to Decimal 9336216 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  
#8E7598 }
```

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

```
.border{ border-color:#8E7598 }
```

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

Here you see how a box with a 4 pixel #8E7598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E7598; -webkit-box-shadow:4px 4px  
4px 4px #8E7598; box-shadow:4px 4px 4px  
4px #8E7598 }
```

Background

The CSS property to change the background color of an element to Decimal 9336216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E7598 }
```

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

```
.background{ background-color:#8E7598 }
```

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