

Converting Colors

Decimal(9656980)

Have a look what the booklet for
Decimal(9656980) contains.

Decimal(9656980)	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(9656980)

Conversions

Conversions Part 1

Format	Color
Hex	935A94
RGB	147, 90, 148
RGB Percent	58%, 35%, 58%
CMY	0.4235, 0.6471, 0.4196
CMYK	0.01, 0.39, 0.00, 0.42
HSL	299°, 24%, 47%
HSV	299°, 39%, 58%
XYZ	21.0341, 15.6535, 29.9298
YIQ	113.6550, 15.3540, 30.1220

Conversions

Conversions Part 2

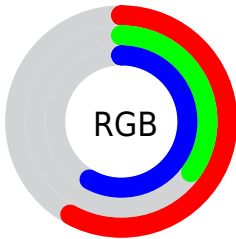
Format	Color
R_{YB}	147, 90, 148
Decimal	9656980
CIE _{Lab}	46.52, 32.97, -22.25
CIE _{LCh}	47, 39.775, 325.980
Yxy	15.6535, 0.3157, 0.2350
Android (android.graphics.Color)	4287847060 (0xFF935A94)
YUV	113.6550, 16.9321, 29.2436
Hunter-Lab	39.5645, 25.6599, -17.1566

Details

The Decimal color **9656980** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6001754**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **13274570**, and **6236769** is the 20% darker color. If you saturate the color by 10%, you get **9653140**, and if you desaturate by 10%, it is **9660820**.

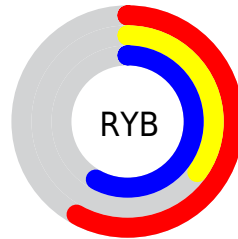
Distribution



Red (58%)

Green (35%)

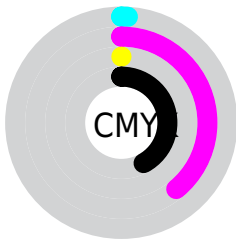
Blue (58%)



Red (58%)

Yellow (35%)

Blue (58%)

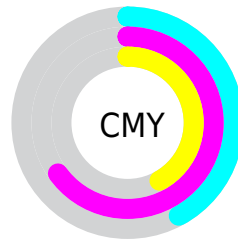


Cyan (1%)

Magenta (39%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (65%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9656980 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 9656980 by changing the saturation by 10% instead.

■ 9656980

■ 9656980

16777215

■ 7946874

■ 13274570

■ 6236769

■ 15182054

■ 4591945

■ 16762111

■ 3014706

■ 16769279

■ 1507357

■ 16776703

■ 0

■ 9656980

■ 9656980

■ 9653140

■ 9660820

■ 9583764

■ 9730196

9580180

9733780

9576340

9737620

9572500

9741460

9503124

9810836

9502868

9814676

9818260

9822100

Harmonies

Analogous

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



6907818



9656980



11096692

Triad

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



9656980



8743721



32650

Complementary

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



9656980



6001754

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.



32616



9656980



6583599

Square

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



9656980



10378807



3832647



31653

Rectangle

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



9656980



11358814



3832647



32640

Sweetspot

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



9656980



12560575



5921940



6378337



14737632



6381921

Same Dimension

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



9656980



12477887



9722489



4866890



8847498



655370

Inverse Universe

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



9722459



12543335



5936245



4866883



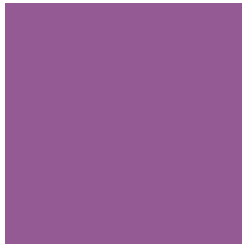
9043970



655360

Previews

White Background



This preview shows how the Decimal color 9656980 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



This preview shows how the Decimal color 9656980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

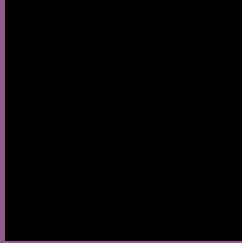
Any Text WCAG AA × Fail

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](#).

Decimal 9656980 Background



This preview shows how black text looks on a background with the Decimal color 9656980.




This preview shows how white text looks on a background with the Decimal color 9656980.

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
9331562

Trichromacy



Original Color
9656980

Protanomaly
7431838

Deuteranomaly
7825042

Tritanomaly
9461881

Monochromacy



Original Color
9656980

Achromatopsia
7500402

Achromatomaly
8284542

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9656980 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 #935A94 looks like.

```
.text, #text, p{  
    color:#935A94  
}
```

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 #935A94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935A94
}
```

Border

The CSS property to change the border of an element to Decimal 9656980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

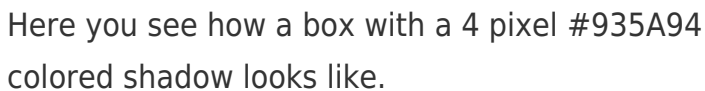
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935A94 }
```

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

```
.border{ border-color:#935A94 }
```

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



Here you see how a box with a 4 pixel #935A94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935A94; -webkit-box-shadow:4px 4px  
4px 4px #935A94; box-shadow:4px 4px 4px  
4px #935A94 }
```

Background

The CSS property to change the background color of an element to Decimal 9656980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935A94 }
```

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

```
.background{ background-color:#935A94 }
```

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