

Converting Colors

Decimal(9775693)

Have a look what the booklet for
Decimal(9775693) contains.

Decimal(9775693)	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(9775693)

Conversions

Conversions Part 1

Format	Color
Hex	952A4D
RGB	149, 42, 77
RGB Percent	58%, 16%, 30%
CMY	0.4157, 0.8353, 0.6980
CMYK	0.00, 0.72, 0.48, 0.42
HSL	340°, 56%, 37%
HSV	340°, 72%, 58%
XYZ	14.5619, 8.5813, 7.9100
YIQ	77.9830, 52.5370, 33.5690

Conversions

Conversions Part 2

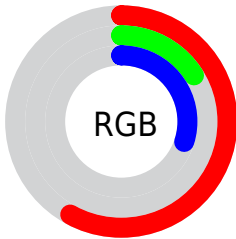
Format	Color
RYB	149, 42, 77
Decimal	9775693
CIELab	35.17, 47.00, 4.76
CIElCh	35, 47.246, 5.788
Yxy	8.5813, 0.4689, 0.2763
Android (android.graphics.Color)	4287965773 (0xFF952A4D)
YUV	77.9830, -0.4846, 62.2819
Hunter-Lab	29.2939, 37.4678, 4.4960

Details

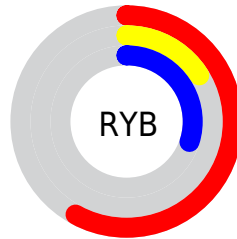
The Decimal color **9775693** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2790770**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **13590654**, and **6094881** is the 20% darker color. If you saturate the color by 10%, you get **9771843**, and if you desaturate by 10%, it is **9779543**.

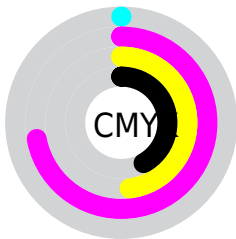
Distribution



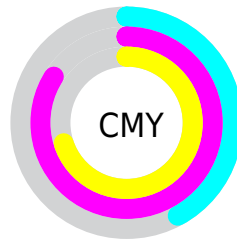
- Red (58%)
- Green (16%)
- Blue (30%)



- Red (58%)
- Yellow (16%)
- Blue (30%)



- Cyan (0%)
- Magenta (72%)
- Yellow (48%)
- Black (42%)



- Cyan (42%)
- Magenta (84%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9775693 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 9775693 by changing the saturation by 10% instead.

 9775693

 9775693

16777215

 7931702

 13590654

 6094881

 15563416

 4325386

 16750258

 2555905

 16757198

 0

 16764650

 16771839

 9775693

 9775693

 9771843

 9779543

■ 9767993

■ 9783393

■ 9764913

■ 9787243

■ 9791093

■ 9794943

■ 9798537

■ 9802387

■ 9806237

■ 9810087

Harmonies

Analogous

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



8729458



9775693



9450537

Triad

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



9775693



3562763



24471

Complementary

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



9775693



2790770

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.



25470



9775693



25138

Square

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



9775693



6181632



25689



21918

Rectangle

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



9775693



8666898



25689



24977

Sweetspot

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



9775693



12752805



7416469



6375504



14737632



6381921

Same Dimension

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



9775693



12720978



9780266



4866885



9044013



655363

Inverse Universe

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



9775693



12720978



2786197



4866885



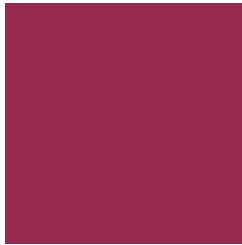
9044013



655363

Previews

White Background



This preview shows how the Decimal color 9775693 looks on a white background.

Color Contrast Check

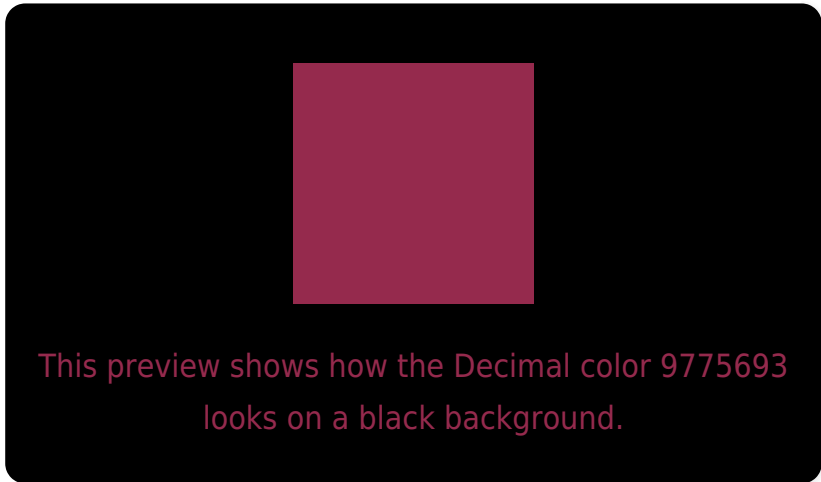
Large Text (above 18pt) WCAG AA ✓ Pass

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

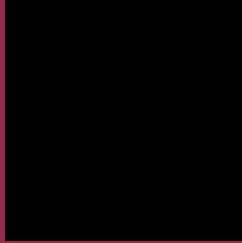
Any Text WCAG AA × Fail

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 9775693 Background



This preview shows how black text looks on a background with the Decimal color 9775693.

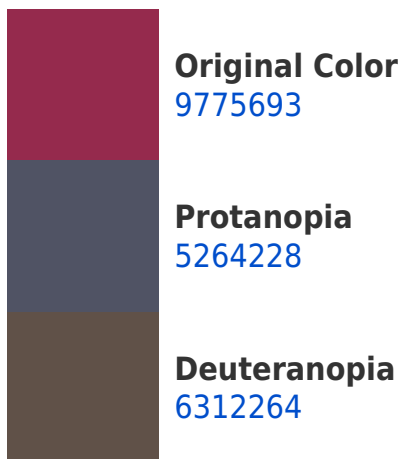


This preview shows how white text looks on a background with the Decimal color 9775693.

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



Trichromacy



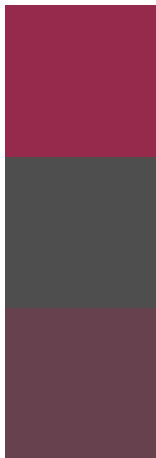
Original Color
9775693

Protanomaly
6898780

Deuteranomaly
7553866

Tritanomaly
9711164

Monochromacy



Original Color
9775693

Achromatopsia
5131854

Achromatomaly
6832462

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9775693 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 #952A4D looks like.

```
.text, #text, p{  
    color:#952A4D  
}
```

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 #952A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #952A4D
}
```

Border

The CSS property to change the border of an element to Decimal 9775693 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
#952A4D }
```

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

```
.border{ border-color:#952A4D }
```

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

Here you see how a box with a 4 pixel #952A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #952A4D; -webkit-box-shadow:4px 4px  
4px 4px #952A4D; box-shadow:4px 4px 4px  
4px #952A4D }
```

Background

The CSS property to change the background color of an element to Decimal 9775693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#952A4D }
```

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

```
.background{ background-color:#952A4D }
```

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