

# Converting Colors

Decimal(9764908)

Have a look what the booklet for  
Decimal(9764908) contains.

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**Color**

**Decimal(9764908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95002C
RGB	149, 0, 44
RGB Percent	58%, 0%, 17%
CMY	0.4157, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.70, 0.42
HSL	342°, 100%, 29%
HSV	342°, 100%, 58%
XYZ	12.8490, 6.5714, 2.9741
YIQ	49.5670, 74.6800, 45.2720

# Conversions

## Conversions Part 2

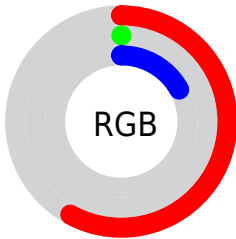
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 0, 44
Decimal	9764908
CIELab	30.81, 54.84, 20.48
CIElCh	31, 58.542, 20.473
Yxy	6.5714, 0.5738, 0.2934
Android (android.graphics.Color)	4287954988 (0xFF95002C)
YUV	49.5670, -2.7445, 87.2027
Hunter-Lab	25.6348, 44.6097, 11.0657

# Details

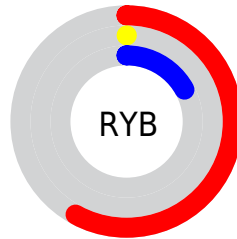
The Decimal color **9764908** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **38249**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **13781337**, and **5898240** is the 20% darker color. If you saturate the color by 10%, you get **9764908**, and if you desaturate by 10%, it is **9768759**.

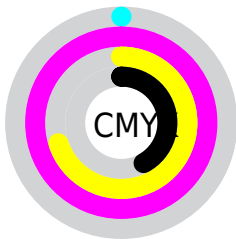
# Distribution



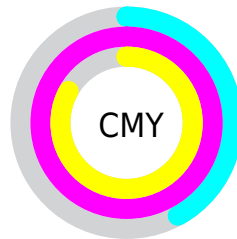
- Red (58%)
- Green (0%)
- Blue (17%)



- Red (58%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9764908 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 9764908 by changing the saturation by 10% instead.



 9764908

 9764908

16777215

 7798808

 13781337

 5898240

 15754610

 4128770

 16744587

 1900545

 16751781

 0

 16758976

 16766428

 16773881

 9764908

 9768759

 9772609

 9776460

 9780310

 9784161

 9787755

 9791606

 9795456

 9799307

# Harmonies

## Analogous

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



9437273



9764908



8727040

# Triad

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



9764908



22272



21412

# Complementary

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



9764908



38249

# 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.



23183



9764908



23096

# Square

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



9764908



3952640



23399



82848

# Rectangle

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



9764908



7420672



23399



22176



# Sweetspot

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



9764908



12748953



6815893



6372936



14737632



6381921



# Same Dimension

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



9764908



12714041



9772544



4866885



9044009



655363



# Inverse Universe

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



9764908



12714041



30613



4866885



9044009



655363



# Previews

## White Background



This preview shows how the Decimal color 9764908 looks on a white background.

## Color Contrast Check

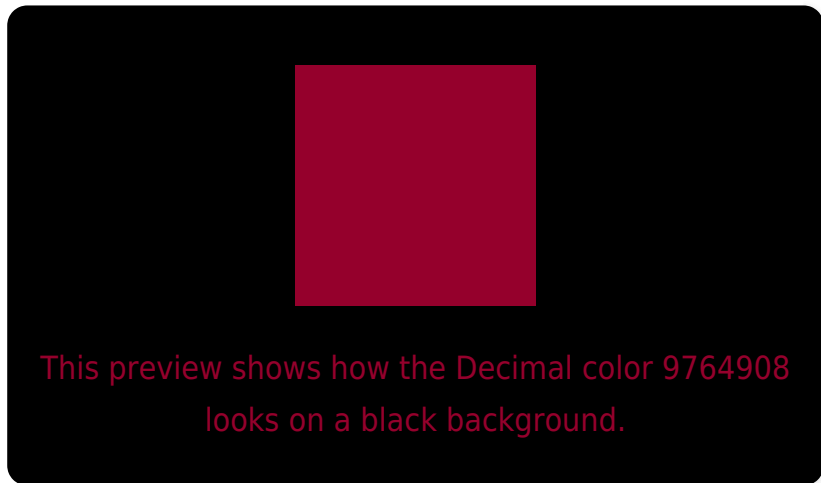
Large Text (above 18pt) WCAG AA ✓ Pass

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 9764908 Background



This preview shows how black text looks on a background with the Decimal color 9764908.

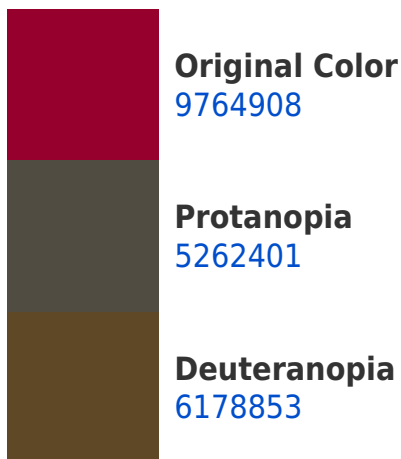


This preview shows how white text looks on a background with the Decimal color 9764908.

# Color Blindness Simulation

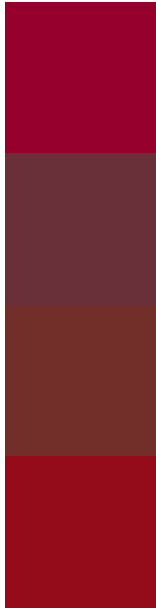
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
9764908

**Protanomaly**  
6893625

**Deuteranomaly**  
7482920

**Tritanomaly**  
9702169

# Monochromacy



**Original Color**  
9764908

**Achromatopsia**  
3289650

**Achromatomaly**  
5644336

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9764908 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 #95002C looks like.

```
.text, #text, p{  
  color:#95002C  
}
```

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 #95002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95002C
}
```

## Border

The CSS property to change the border of an element to Decimal 9764908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

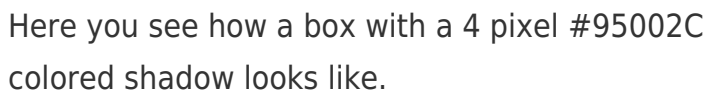
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#95002C }
```

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

```
.border{ border-color:#95002C }
```

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



Here you see how a box with a 4 pixel #95002C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95002C; -webkit-box-shadow:4px 4px  
4px 4px #95002C; box-shadow:4px 4px 4px  
4px #95002C }
```

# Background

The CSS property to change the background color of an element to Decimal 9764908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95002C }
```

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

```
.background{ background-color:#95002C }
```

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](#).



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