

# Converting Colors

Decimal(9801625)

Have a look what the booklet for  
Decimal(9801625) contains.

<b>Decimal(9801625)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(9801625)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	958F99
RGB	149, 143, 153
RGB Percent	58%, 56%, 60%
CMY	0.4157, 0.4392, 0.4000
CMYK	0.03, 0.07, 0.00, 0.40
HSL	276°, 5%, 58%
HSV	276°, 7%, 60%
XYZ	27.9667, 28.3344, 34.1321
YIQ	145.9340, 0.3660, 4.3820

# Conversions

## Conversions Part 2

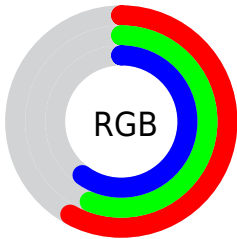
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 143, 153
Decimal	9801625
CIE Lab	60.19, 4.16, -4.50
CIE LCh	60, 6.126, 312.728
Yxy	28.3344, 0.3093, 0.3133
Android (android.graphics.Color)	4287991705 (0xFF958F99)
YUV	145.9340, 3.4835, 2.6889
Hunter-Lab	53.2301, 0.6299, -0.7568

# Details

The Decimal color **9801625** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9673103**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **13354447**, and **6446438** is the 20% darker color. If you saturate the color by 10%, you get **9404569**, and if you desaturate by 10%, it is **10198681**.

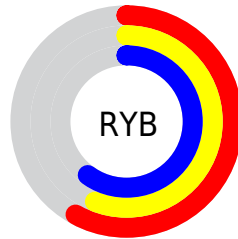
# Distribution



Red (58%)

Green (56%)

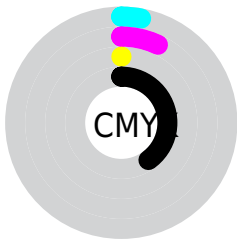
Blue (60%)



Red (58%)

Yellow (56%)

Blue (60%)

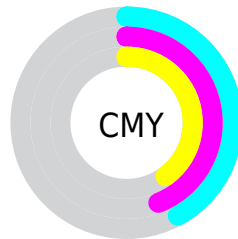


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (44%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9801625 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 9801625 by changing the saturation by 10% instead.





9801625



9801625

16777215



8091007



13354447



6446438



15196652



4932942



16776703



3419959



2038306



393228



0



9801625



9801625



9404569



10198681

9007257

10595993

8610201

10993049

8213145

11390105

7750553

11852697

7353241

12250009

6956185

12647065

6559129

13041561

6161817

13434777

# Harmonies

## Analogous

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



9343387



9801625



10129044

# Triad

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



9801625



10064007



8688787

# Complementary

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



9801625



9673103

# 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.



8885390



9801625



9671047

# Square

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



9801625



10260106



9278345



8754328

# Rectangle

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



9801625



10259857



9278345



8754321



# Sweetspot

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



9801625



12960711



9409433



6512995



14935011



6513507



# Same Dimension

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



9801625



12695495



10063768



4801869



5505164



524301



# Inverse Universe

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



10063763



13088701



9410960



5064008



9175096



851973



# Previews

## White Background



This preview shows how the Decimal color 9801625 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 9801625 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

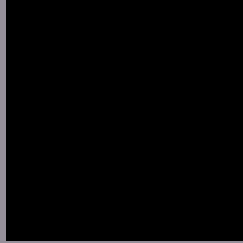
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

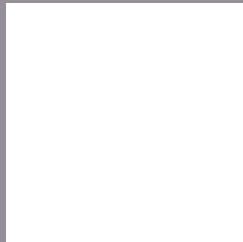
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9801625 Background



This preview shows how black text looks on a background with the Decimal color 9801625.

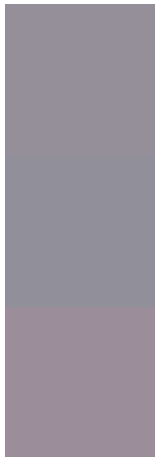


This preview shows how white text looks on a background with the Decimal color 9801625.

# 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



**Original Color**  
9801625

**Protanopia**  
9539738

**Deuteranopia**  
10194329



**Tritanopia**  
9801626

# Trichromacy



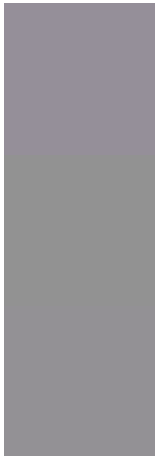
**Original Color**  
9801625

**Protanomaly**  
9605274

**Deuteranomaly**  
10063513

**Tritanomaly**  
9801626

# Monochromacy



**Original Color**  
9801625

**Achromatopsia**  
9605778

**Achromatomaly**  
9671061

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9801625 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 #958F99 looks like.

```
.text, #text, p{  
    color:#958F99  
}
```

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 #958F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958F99
}
```

## Border

The CSS property to change the border of an element to Decimal 9801625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

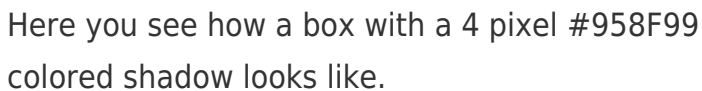
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#958F99 }
```

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

```
.border{ border-color:#958F99 }
```

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



Here you see how a box with a 4 pixel #958F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958F99; -webkit-box-shadow:4px 4px  
4px 4px #958F99; box-shadow:4px 4px 4px  
4px #958F99 }
```

# Background

The CSS property to change the background color of an element to Decimal 9801625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958F99 }
```

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

```
.background{ background-color:#958F99 }
```

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