

# Converting Colors

Decimal(9005430)

Have a look what the booklet for  
Decimal(9005430) contains.

<b>Decimal(9005430)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(9005430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	896976
RGB	137, 105, 118
RGB Percent	54%, 41%, 46%
CMY	0.4627, 0.5882, 0.5373
CMYK	0.00, 0.23, 0.14, 0.46
HSL	336°, 13%, 47%
HSV	336°, 23%, 54%
XYZ	18.6381, 16.7295, 19.3863
YIQ	116.0500, 14.8990, 10.8270

# Conversions

## Conversions Part 2

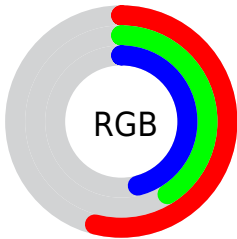
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 105, 118
Decimal	9005430
CIE <sub>Lab</sub>	47.92, 14.98, -2.31
CIE <sub>LCh</sub>	48, 15.157, 351.226
Yxy	16.7295, 0.3404, 0.3055
Android (android.graphics.Color)	4287195510 (0xFF896976)
YUV	116.0500, 0.9614, 18.3732
Hunter-Lab	40.9017, 9.7609, 0.5293

# Details

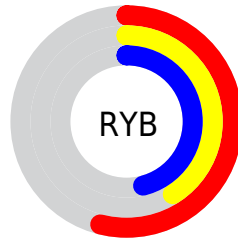
The Decimal color **9005430** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6916476**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **12557482**, and **5716550** is the 20% darker color. If you saturate the color by 10%, you get **9001838**, and if you desaturate by 10%, it is **9009022**.

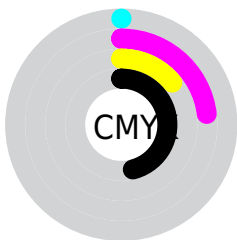
# Distribution



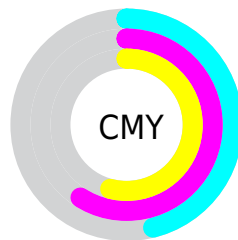
- Red (54%)
- Green (41%)
- Blue (46%)



- Red (54%)
- Yellow (41%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (46%)



- Cyan (46%)
- Magenta (59%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9005430 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 9005430 by changing the saturation by 10% instead.



9005430

9005430

16777215

7295325

12557482

5716550

14399429

4138032

16241633

2625307

16773118

983040

0

9005430

9005430

9001838

9009022

8998502

9012358

8994910

9015950

8991317

9019543

8987725

9023135

8984389

9026471

8980797

9030063

8978488

9033655

9036991

# Harmonies

## Analogous

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



8350850



9005430



9202025

# Triad

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



9005430



7500890



5404549

# Complementary

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



9005430



6916476

# 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.



5208442



9005430



6518625

# Square

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



9005430



8351833



5667181



6190219

# Rectangle

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



9005430



9136737



5667181



5208194



# Sweetspot

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



9005430



11773611



8153481



5853781



14277081



5855577



# Same Dimension

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



9005430



11764117



9006185



4537921



8716342



327682



# Inverse Universe

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



9005430



11764117



6915721



4537921



8716342

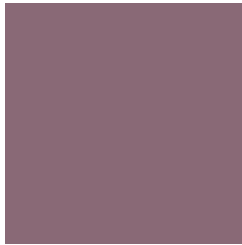


327682



# Previews

## White Background



This preview shows how the Decimal color 9005430 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 9005430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

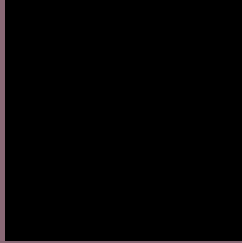
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9005430 Background



This preview shows how black text looks on a background with the Decimal color 9005430.



This preview shows how white text looks on a background with the Decimal color 9005430.

# 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**  
9005430

**Protanopia**  
7434619

**Deuteranopia**  
8154741



**Tritanopia**  
8940146

# Trichromacy



**Original Color**  
9005430

**Protanomaly**  
8023673

**Deuteranomaly**  
8481909

**Tritanomaly**  
8940147

# Monochromacy



**Original Color**  
9005430

**Achromatopsia**  
7631988

**Achromatomaly**  
8155253

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9005430 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 #896976 looks like.

```
.text, #text, p{  
    color:#896976  
}
```

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 #896976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896976
}
```

## Border

The CSS property to change the border of an element to Decimal 9005430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

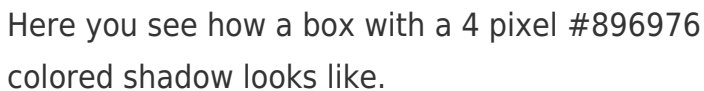
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#896976 }
```

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

```
.border{ border-color:#896976 }
```

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



Here you see how a box with a 4 pixel #896976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896976; -webkit-box-shadow:4px 4px  
4px 4px #896976; box-shadow:4px 4px 4px  
4px #896976 }
```

# Background

The CSS property to change the background color of an element to Decimal 9005430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896976 }
```

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

```
.background{ background-color:#896976 }
```

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