

# Converting Colors

Decimal(9516906)

Have a look what the booklet for  
Decimal(9516906) contains.

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**Color**

**Decimal(9516906)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91376A
RGB	145, 55, 106
RGB Percent	57%, 22%, 42%
CMY	0.4314, 0.7843, 0.5843
CMYK	0.00, 0.62, 0.27, 0.43
HSL	326°, 45%, 39%
HSV	326°, 62%, 57%
XYZ	15.6448, 9.7927, 14.7013
YIQ	87.7240, 37.2690, 34.9410

# Conversions

## Conversions Part 2

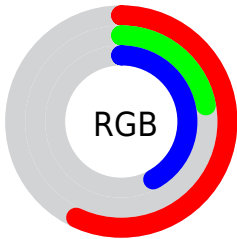
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 55, 106
Decimal	9516906
CIE <sub>Lab</sub>	37.47, 43.55, -10.42
CIE <sub>LCh</sub>	37, 44.782, 346.548
Yxy	9.7927, 0.3898, 0.2440
Android (android.graphics.Color)	4287706986 (0xFF91376A)
YUV	87.7240, 9.0101, 50.2311
Hunter-Lab	31.2933, 34.4758, -5.9485

# Details

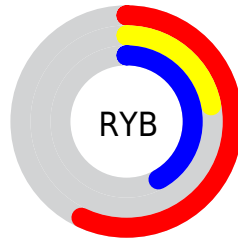
The Decimal color **9516906** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3641694**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **13200285**, and **5963835** is the 20% darker color. If you saturate the color by 10%, you get **9513316**, and if you desaturate by 10%, it is **9520752**.

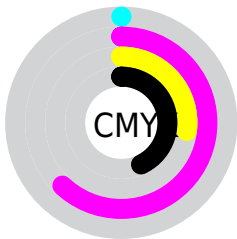
# Distribution



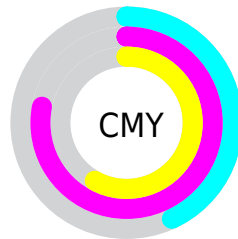
- Red (57%)
- Green (22%)
- Blue (42%)



- Red (57%)
- Yellow (22%)
- Blue (42%)



- Cyan (0%)
- Magenta (62%)
- Yellow (27%)
- Black (43%)



- Cyan (43%)
- Magenta (78%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9516906 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 9516906 by changing the saturation by 10% instead.



9516906

9516906

16777215

7740498

13200285

5963835

15107512

4259877

16753108

2818063

16760048

0

16767487

16774911

9516906

9516906

9513316

9520752

9509469

9524343

9505623

9527933

9502802

9531779

9535369

9539216

9543062

9546652

9550499

# Harmonies

## Analogous

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



7554442



9516906



10040646

# Triad

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



9516906



5725445



26508

# Complementary

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



9516906



3641694

# 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.



26988



9516906



2909219

# Square

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



9516906



7819528



26694



24991

# Rectangle

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



9516906



9714991



26694



26754



# Sweetspot

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



9516906



12425645



6174609



6179157



14606046



6184542



# Same Dimension

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



9516906



12398976



9516861



4669508



8847437



524292



# Inverse Universe

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



9516906



12398976



3641739



4669508



8847437

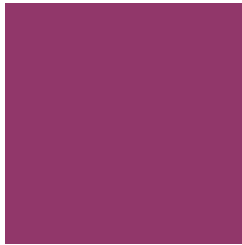


524292



# Previews

## White Background



This preview shows how the Decimal color 9516906 looks on a white background.

## Color Contrast Check

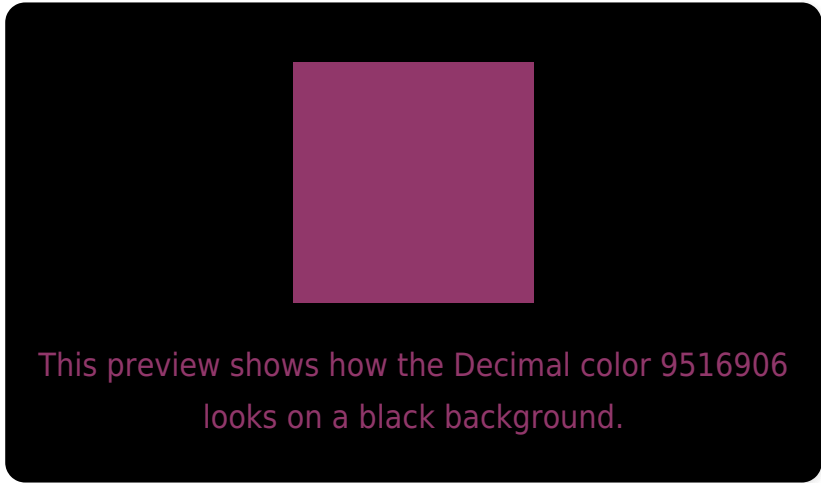
Large Text (above 18pt) WCAG AA ✓ Pass

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 9516906 Background



This preview shows how black text looks on a background with the Decimal color 9516906.



This preview shows how white text looks on a background with the Decimal color 9516906.

# 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



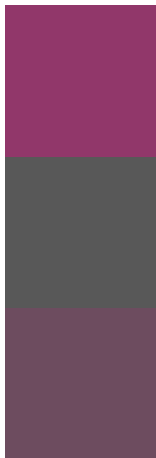
**Original Color**  
9516906

**Protanomaly**  
6573177

**Deuteranomaly**  
7293799

**Tritanomaly**  
9387346

# Monochromacy



**Original Color**  
9516906

**Achromatopsia**  
5789784

**Achromatomaly**  
7162975

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9516906 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 #91376A looks like.

```
.text, #text, p{  
    color:#91376A  
}
```

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 #91376A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91376A
}
```

## Border

The CSS property to change the border of an element to Decimal 9516906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

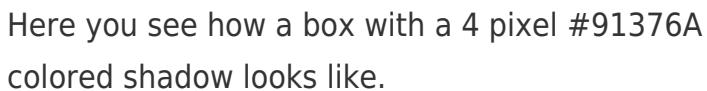
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91376A }
```

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

```
.border{ border-color:#91376A }
```

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



Here you see how a box with a 4 pixel #91376A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91376A; -webkit-box-shadow:4px 4px  
4px 4px #91376A; box-shadow:4px 4px 4px  
4px #91376A }
```

# Background

The CSS property to change the background color of an element to Decimal 9516906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91376A }
```

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

```
.background{ background-color:#91376A }
```

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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