

# Converting Colors

Decimal(9406404)

Have a look what the booklet for  
Decimal(9406404) contains.

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# **Color**

**Decimal(9406404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F87C4
RGB	143, 135, 196
RGB Percent	56%, 53%, 77%
CMY	0.4392, 0.4706, 0.2314
CMYK	0.27, 0.31, 0.00, 0.23
HSL	248°, 34%, 65%
HSV	248°, 31%, 77%
XYZ	29.9555, 27.1531, 55.8868
YIQ	144.3460, -14.8130, 20.6670

# Conversions

## Conversions Part 2

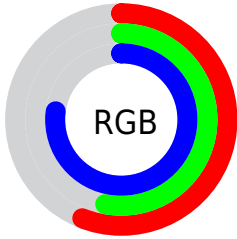
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 135, 196
Decimal	9406404
CIE <sub>Lab</sub>	59.12, 16.49, -30.62
CIE <sub>LCh</sub>	59, 34.780, 298.301
Yxy	27.1531, 0.2651, 0.2403
Android (android.graphics.Color)	4287596484 (0xFF8F87C4)
YUV	144.3460, 25.4654, -1.1804
Hunter-Lab	52.1086, 11.4234, -27.1128

# Details

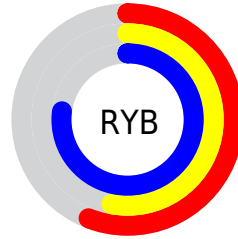
The Decimal color **9406404** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12371079**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **13024509**, and **5985678** is the 20% darker color. If you saturate the color by 10%, you get **8287172**, and if you desaturate by 10%, it is **10525636**.

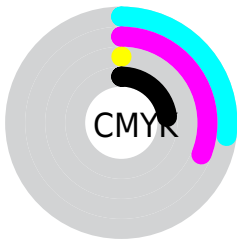
# Distribution



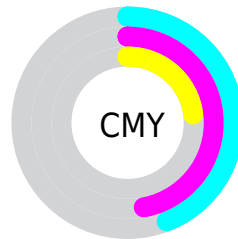
- Red (56%)
- Green (53%)
- Blue (77%)



- Red (56%)
- Yellow (53%)
- Blue (77%)



- Cyan (27%)
- Magenta (31%)
- Yellow (0%)
- Black (23%)



- Cyan (44%)
- Magenta (47%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9406404 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 9406404 by changing the saturation by 10% instead.



■ 9406404

■ 9406404

16777215

■ 7696041

■ 13024509

■ 5985678

■ 14866687

■ 4341364

■ 16774399

■ 2697307

■ 988227

■ 45

■ 279

■ 0

■ 9406404

■ 9406404

8287172

10525636

7168196

11644612

6048964

12763844

4929988

13882820

3810756

15002052

2691524

16121284

1704132

16777156

# Harmonies

## Analogous

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



6132427



9406404



11762863

# Triad

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



9406404



12353883



3382923

# Complementary

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



9406404



12371079

# 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.



6331245



9406404



10783825

# Square

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



9406404



13203827



8688983



40618

# Rectangle

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



9406404



12744860



8688983



4497025



# Sweetspot

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



9406404



15460607



8895940



7565696



0



8421504



# Same Dimension

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



9406404



11379199



11372484



5789537



1376417



262177



# Inverse Universe

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



12879804



16753139



10404999



6379360



10551436



2162717



# Previews

## White Background



This preview shows how the Decimal color 9406404 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 9406404 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 9406404 Background



This preview shows how black text looks on a background with the Decimal color 9406404.



This preview shows how white text looks on a background with the Decimal color 9406404.

# 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



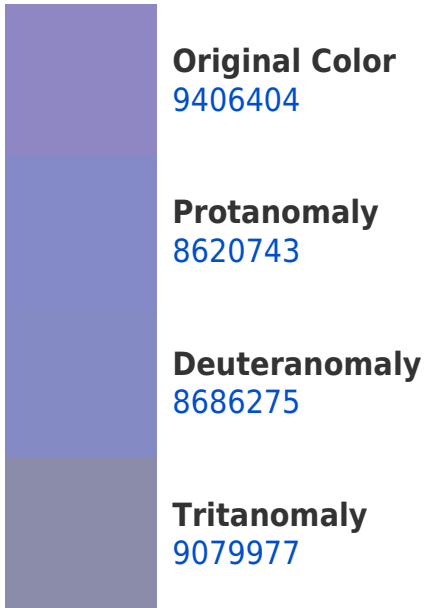
**Original Color**  
9406404

**Protanopia**  
8162504

**Deuteranopia**  
8293571



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9406404 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 #8F87C4 looks like.

```
.text, #text, p{  
    color:#8F87C4  
}
```

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 #8F87C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F87C4
}
```

## Border

The CSS property to change the border of an element to Decimal 9406404 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
#8F87C4 }
```

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

```
.border{ border-color:#8F87C4 }
```

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

Here you see how a box with a 4 pixel #8F87C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F87C4; -webkit-box-shadow:4px 4px  
4px 4px #8F87C4; box-shadow:4px 4px 4px  
4px #8F87C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 9406404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F87C4 }
```

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

```
.background{ background-color:#8F87C4 }
```

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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