

# Converting Colors

Decimal(9489816)

Have a look what the booklet for  
Decimal(9489816) contains.

<b>Decimal(9489816)</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(9489816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90CD98
RGB	144, 205, 152
RGB Percent	56%, 80%, 60%
CMY	0.4353, 0.1961, 0.4039
CMYK	0.30, 0.00, 0.26, 0.20
HSL	128°, 38%, 68%
HSV	128°, 30%, 80%
XYZ	39.0004, 51.8589, 37.6600
YIQ	180.7190, -19.3430, -29.4150

# Conversions

## Conversions Part 2

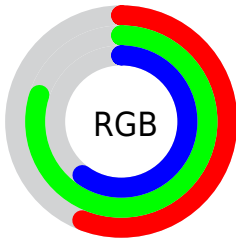
Format	Color
<a href="#">RYB</a>	<a href="#">144, 198, 205</a>
Decimal	<a href="#">9489816</a>
CIELab	<a href="#">77.20, -30.16, 20.29</a>
CIELCh	<a href="#">77, 36.353, 146.067</a>
Yxy	<a href="#">51.8589, 0.3035, 0.4035</a>
Android (android.graphics.Color)	<a href="#">4287679896 (0xFF90CD98)</a>
YUV	<a href="#">180.7190, -14.1585, -32.2026</a>
Hunter-Lab	<a href="#">72.0131, -29.3521, 19.4029</a>

# Details

The Decimal color **9489816** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **13471941**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **13107150**, and **6002277** is the 20% darker color. If you saturate the color by 10%, you get **8113542**, and if you desaturate by 10%, it is **10800554**.

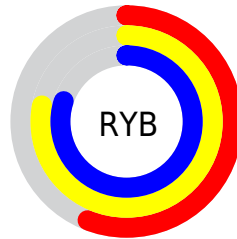
# Distribution



Red (56%)

Green (80%)

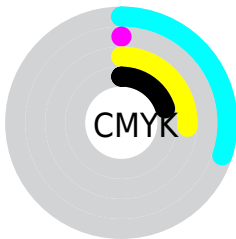
Blue (60%)



Red (56%)

Yellow (78%)

Blue (80%)

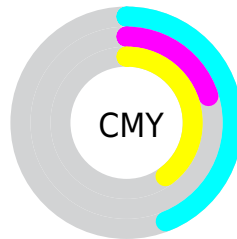


Cyan (30%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9489816 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 9489816 by changing the saturation by 10% instead.



■ 9489816

■ 9489816

16777215

■ 7713150

■ 13107150

■ 6002277

■ 15007723

■ 4357197

■ 2646837

■ 740127

■ 13065

■ 8192

■ 0

■ 9489816

■ 9489816

 8113542

 10800554

 6802804

 12176828

 5426531

 13553101

 4115793

 14863839

 2739519

 16240113

 1428781

 16764415

 52507

# Harmonies

## Analogous

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



12043905



9489816



6803897

# Triad

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



9489816



9028607



16754595

# Complementary

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



9489816



13471941

# 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.



16623044



9489816



12433659

# Square

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



9489816



5819638



15052005



16035976

# Rectangle

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



9489816



5296592



15052005



16754094

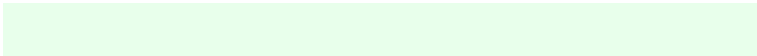


# Sweetspot

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



9489816



15269867



13028752



7438451



0



8421504

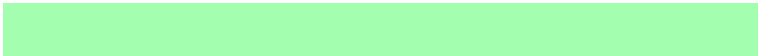


# Same Dimension

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



9489816



10747823



9489846



6055517



42518



9733



# Inverse Universe

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



13471941



16753651



13471911



6708325



10879120



2490401



# Previews

## White Background



This preview shows how the Decimal color 9489816 looks on a white background.

## Color Contrast Check

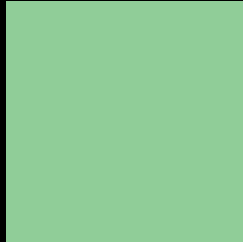
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 9489816 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 ✓ Pass

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



## Decimal 9489816 Background



This preview shows how black text looks on a background with the Decimal color 9489816.



This preview shows how white text looks on a background with the Decimal color 9489816.

# 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





**Tritanopia**  
10208725

# Trichromacy



**Original Color**  
9489816



**Protanomaly**  
11977620



**Deuteranomaly**  
12631963



**Tritanomaly**  
9947327

# Monochromacy



**Original Color**  
9489816



**Achromatopsia**  
11908533



**Achromatomaly**  
11058858

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9489816 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 #90CD98 looks like.

```
.text, #text, p{  
    color:#90CD98  
}
```

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 #90CD98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90CD98
}
```

## Border

The CSS property to change the border of an element to Decimal 9489816 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
#90CD98 }
```

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

```
.border{ border-color:#90CD98 }
```

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

Here you see how a box with a 4 pixel #90CD98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90CD98; -webkit-box-shadow:4px 4px  
4px 4px #90CD98; box-shadow:4px 4px 4px  
4px #90CD98 }
```

# Background

The CSS property to change the background color of an element to Decimal 9489816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90CD98 }
```

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

```
.background{ background-color:#90CD98 }
```

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