

Converting Colors

Decimal(9495987)

Have a look what the booklet for
Decimal(9495987) contains.

Decimal(9495987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(9495987)

Conversions

Conversions Part 1

Format	Color
Hex	90E5B3
RGB	144, 229, 179
RGB Percent	56%, 90%, 70%
CMY	0.4353, 0.1020, 0.2980
CMYK	0.37, 0.00, 0.22, 0.10
HSL	145°, 62%, 73%
HSV	145°, 37%, 90%
XYZ	47.6576, 65.2226, 52.7252
YIQ	197.8850, -34.6100, -33.5700

Conversions

Conversions Part 2

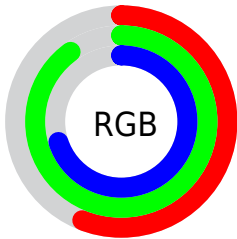
Format	Color
RYB	144, 204, 229
Decimal	9495987
CIELab	84.60, -36.39, 16.39
CIELCh	85, 39.911, 155.752
Yxy	65.2226, 0.2878, 0.3938
Android (android.graphics.Color)	4287686067 (0xFF90E5B3)
YUV	197.8850, -9.3103, -47.2571
Hunter-Lab	80.7605, -35.9962, 17.8243

Details

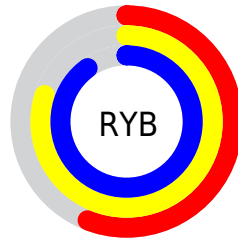
The Decimal color **9495987** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **15044802**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **13172715**, and **5877118** is the 20% darker color. If you saturate the color by 10%, you get **7988646**, and if you desaturate by 10%, it is **11003328**.

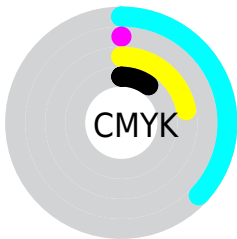
Distribution



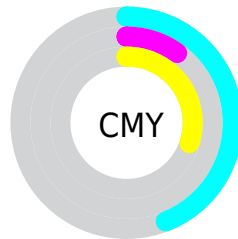
- Red (56%)
- Green (90%)
- Blue (70%)



- Red (56%)
- Yellow (80%)
- Blue (90%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9495987 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 9495987 by changing the saturation by 10% instead.

■ 9495987

■ 9495987

16777215

■ 7719320

■ 13172715

■ 5877118

■ 15073279

■ 4100709

■ 2127949

■ 24374

■ 17952

■ 12042

■ 6400

■ 0

 9495987

 9495987

 7988646

 11003328

 6481304

 12510670

 4973963


 14018011

 3466621

 15525353

 2024816

 16770550

 517474

 16770559

 58718

Harmonies

Analogous

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



12443285



9495987



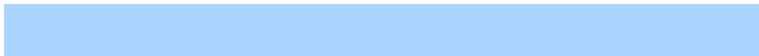
6547673

Triad

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



9495987



11261183



16759721

Complementary

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



9495987



15044802

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.



16758477



9495987



14796799

Square

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



9495987



7331839



16759795



16762511

Rectangle

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



9495987



5171187



16759795



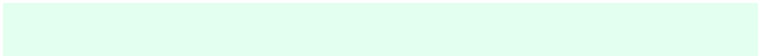
16758964

Sweetspot

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



9495987



14942191



12838288



7307382



0



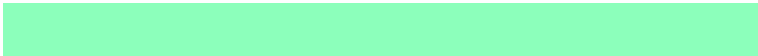
8421504

Same Dimension

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



9495987



9240507



9496029



6779756



45897



13077

Inverse Universe

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



15044802



16747728



15044761



7563118



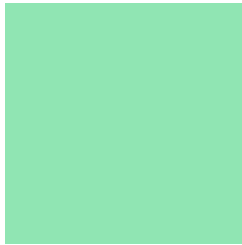
11731049



3342366

Previews

White Background



This preview shows how the Decimal color 9495987 looks on a white background.

Color Contrast Check

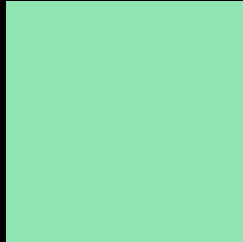
Large Text (above 18pt) WCAG AA × Fail

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 9495987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

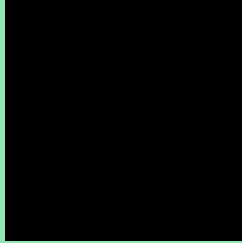
Any Text WCAG AA ✓ Pass

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 9495987 Background



This preview shows how black text looks on a background with the Decimal color 9495987.




This preview shows how white text looks on a background with the Decimal color 9495987.

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





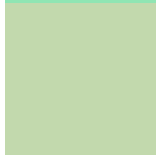
Tritanopia
10345967

Trichromacy



Original Color

9495987



Protanomaly

12769709



Deuteranomaly

13489335



Tritanomaly

10019033

Monochromacy



Original Color

9495987



Achromatopsia

13027014



Achromatomaly

11719103

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9495987 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 #90E5B3 looks like.

```
.text, #text, p{  
    color:#90E5B3  
}
```

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 #90E5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E5B3
}
```

Border

The CSS property to change the border of an element to Decimal 9495987 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
#90E5B3 }
```

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

```
.border{ border-color:#90E5B3 }
```

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

Here you see how a box with a 4 pixel #90E5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E5B3; -webkit-box-shadow:4px 4px  
4px 4px #90E5B3; box-shadow:4px 4px 4px  
4px #90E5B3 }
```

Background

The CSS property to change the background color of an element to Decimal 9495987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E5B3 }
```

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

```
.background{ background-color:#90E5B3 }
```

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