

Converting Colors

Decimal(9807240)

Have a look what the booklet for
Decimal(9807240) contains.

Decimal(9807240)	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(9807240)

Conversions

Conversions Part 1

Format	Color
Hex	95A588
RGB	149, 165, 136
RGB Percent	58%, 65%, 53%
CMY	0.4157, 0.3529, 0.4667
CMYK	0.10, 0.00, 0.18, 0.35
HSL	93°, 14%, 59%
HSV	93°, 18%, 65%
XYZ	30.2935, 35.0774, 28.4665
YIQ	156.9100, -0.2270, -12.4110

Conversions

Conversions Part 2

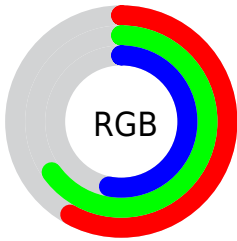
Format	Color
RYB	136, 165, 152
Decimal	9807240
CIELab	65.81, -11.09, 13.16
CIELCh	66, 17.210, 130.100
Yxy	35.0774, 0.3228, 0.3738
Android (android.graphics.Color)	4287997320 (0xFF95A588)
YUV	156.9100, -10.3086, -6.9371
Hunter-Lab	59.2262, -12.3452, 12.9611

Details

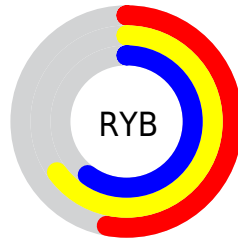
The Decimal color **9807240** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9996453**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **13360317**, and **6451542** is the 20% darker color. If you saturate the color by 10%, you get **9217399**, and if you desaturate by 10%, it is **10397080**.

Distribution



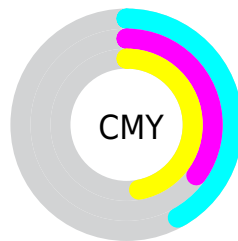
- Red (58%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9807240 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 9807240 by changing the saturation by 10% instead.

 9807240

 9807240

16777215

 8096623

 13360317

 6451542

 15202777

 4872511

 16777206

 3359017

 1977108

 268032

 0

 9807240

 9807240

 9217399

 10397080

■ 8627559

■ 10986921

■ 8037718

■ 11576762

■ 7447878

■ 12166602

■ 6792501

■ 12821978

■ 6202661

■ 13411819

■ 5612821

■ 14001659

■ 5022980

■ 14591487

■ 4891904

■ 15181311

Harmonies

Analogous

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



10985858



9807240



8693909

Triad

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



9807240



8561852



12621211

Complementary

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



9807240



9996453

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.



12097195



9807240



9805758

Square

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



9807240



7841971



11115192



12490637

Rectangle

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



9807240



8169887



11115192



12490144

Sweetspot

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



9807240



13686475



10852488



6843237



15461355



7039851

Same Dimension

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



9807240



12441257



8955273



5067337



4296960



528896

Inverse Universe

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



9996453



12757462



10848420



5130578



5243025



655378

Previews

White Background



This preview shows how the Decimal color 9807240 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 9807240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

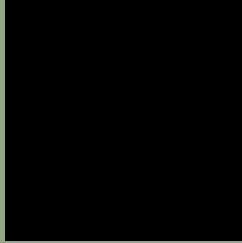
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

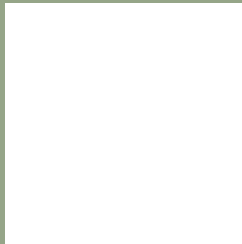
Any Text WCAG AAA ✓ Pass

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

Decimal 9807240 Background



This preview shows how black text looks on a background with the Decimal color 9807240.



This preview shows how white text looks on a background with the Decimal color 9807240.

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
10199213

Trichromacy



Original Color
9807240

Protanomaly
10592646

Deuteranomaly
11247241

Tritanomaly
10068640

Monochromacy



Original Color
9807240

Achromatopsia
10329501

Achromatomaly
10133653

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9807240 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 #95A588 looks like.

```
.text, #text, p{  
    color:#95A588  
}
```

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 #95A588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95A588
}
```

Border

The CSS property to change the border of an element to Decimal 9807240 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
#95A588 }
```

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

```
.border{ border-color:#95A588 }
```

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

Here you see how a box with a 4 pixel #95A588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95A588; -webkit-box-shadow:4px 4px  
4px 4px #95A588; box-shadow:4px 4px 4px  
4px #95A588 }
```

Background

The CSS property to change the background color of an element to Decimal 9807240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95A588 }
```

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

```
.background{ background-color:#95A588 }
```

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