

Converting Colors

Hex(24A094)

Have a look what the booklet for
Hex(24A094) contains.

Hex(24A094)	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

Hex(24A094)

Conversions

Conversions Part 1

Format	Color
Hex	24A094
RGB	36, 160, 148
RGB Percent	14%, 63%, 58%
CMY	0.8588, 0.3725, 0.4196
CMYK	0.78, 0.00, 0.07, 0.37
HSL	174°, 63%, 38%
HSV	174°, 78%, 63%
XYZ	18.6437, 27.6548, 32.3723
YIQ	121.5560, -70.0520, -30.0200

Conversions

Conversions Part 2

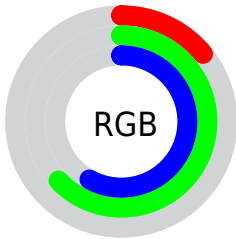
Format	Color
R_{YB}	36, 101, 160
Decimal	2400404
CIE _{Lab}	59.58, -35.24, -3.18
CIE _{LCh}	60, 35.386, 185.161
Y _{xy}	27.6548, 0.2370, 0.3515
Android (android.graphics.Color)	4280590484 (0xFF24A094)
YUV	121.5560, 13.0369, -75.0326
Hunter-Lab	52.5878, -28.7461, 0.3135

Details

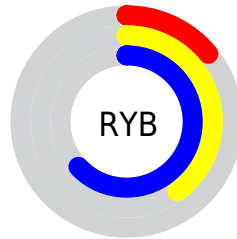
The Hex color `24A094` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `A02430`, and the grayscale version is `797979`.

A 20% lighter version of the original color is `67D7CA`, and `006C61` is the 20% darker color. If you saturate the color by 10%, you get `14A092`, and if you desaturate by 10%, it is `34A096`.

Distribution



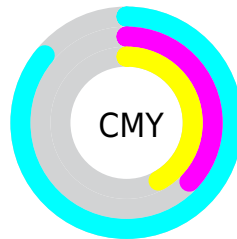
- Red (14%)
- Green (63%)
- Blue (58%)



- Red (14%)
- Yellow (40%)
- Blue (63%)



- Cyan (78%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)



- Cyan (86%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24A094 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 Hex color 24A094 by changing the saturation by 10% instead.



24A094



24A094

FFFFFF



00857A



67D7CA



006C61



85F4E6



00534A



A2FFFF



003B33



BFFFFF



00261E



DDEFFF



000006



FDEFFF



000000



24A094



24A094



14A092



34A096

■ 04A091

■ 44A097

■ 00A091

■ 54A099

■ 64A09A

■ 74A09C

■ 84A09D

■ 94A09F

■ A4A0A0

■ B4A0A2

Harmonies

Analogous

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



579E74



24A094



009FB2

Triad

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



24A094



9A85C2



B98558

Complementary

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



24A094



A02430

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.



C97B6D



24A094



BB7BAA

Square

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



24A094



6A91CD



CB778B



9E8F51

Rectangle

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



24A094



0A9CC2



CB778B



C0815D

Sweetspot

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



24A094



A1D1CC



30A024



4B6966



E8E8E8



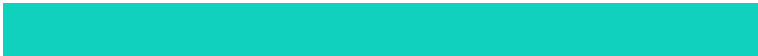
696969

Same Dimension

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



24A094



0FD1BE



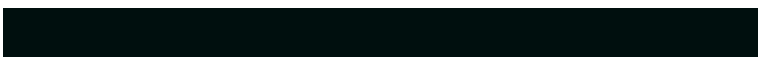
246EA0



474F4E



008F81



000F0E

Inverse Universe

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



A02430



D10F21



A05624



4F4748



8F000E



0F0001

Previews

White Background



This preview shows how the Hex color 24A094 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 Hex color 24A094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

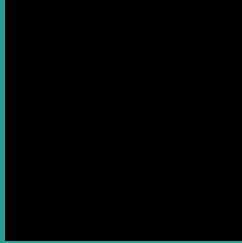
Any Text WCAG AA ✓ Pass

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](#).

Hex 24A094 Background



This preview shows how black text looks on a background with the Hex color 24A094.

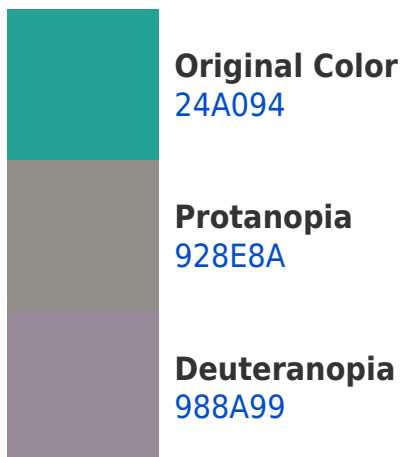


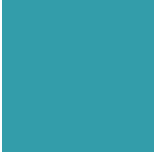
This preview shows how white text looks on a background with the Hex color 24A094.

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
339DAA

Trichromacy



Original Color
24A094



Protanomaly
6A958E



Deuteranomaly
6E9297



Tritanomaly
2E9EA2

Monochromacy



Original Color
24A094



Achromatopsia
7A7A7A



Achromatomaly
5B8883

CSS Examples

Text

The CSS property to change the color of the text to Hex 24A094 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 #24A094 looks like.

```
.text, #text, p{  
    color:#24A094  
}
```

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 #24A094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24A094
}
```

Border

The CSS property to change the border of an element to Hex 24A094 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
#24A094 }
```

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

```
.border{ border-color:#24A094 }
```

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

Here you see how a box with a 4 pixel #24A094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24A094; -webkit-box-shadow:4px 4px  
4px 4px #24A094; box-shadow:4px 4px 4px  
4px #24A094 }
```

Background

The CSS property to change the background color of an element to Hex 24A094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24A094 }
```

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

```
.background{ background-color:#24A094 }
```

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