

Converting Colors

Hex(249F95)

Have a look what the booklet for
Hex(249F95) contains.

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Color

Hex(249F95)

Conversions

Conversions Part 1

Format	Color
Hex	249F95
RGB	36, 159, 149
RGB Percent	14%, 62%, 58%
CMY	0.8588, 0.3765, 0.4157
CMYK	0.77, 0.00, 0.06, 0.38
HSL	175°, 63%, 38%
HSV	175°, 77%, 62%
XYZ	18.5505, 27.3413, 32.7334
YIQ	121.0830, -70.0980, -29.1860

Conversions

Conversions Part 2

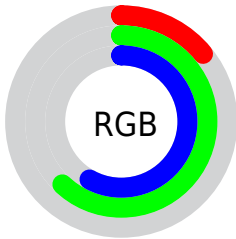
Format	Color
R_{YB}	36, 100, 159
Decimal	2400149
CIE _{Lab}	59.29, -34.49, -4.17
CIE _{LCh}	59, 34.743, 186.896
Y _{xy}	27.3413, 0.2359, 0.3477
Android (android.graphics.Color)	4280590229 (0xFF249F95)
YUV	121.0830, 13.7631, -74.6178
Hunter-Lab	52.2889, -28.1792, -0.5140

Details

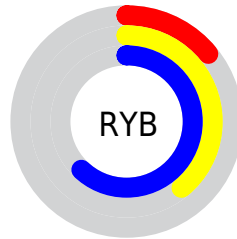
The Hex color **249F95** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F242E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **67D6CB**, and **006B62** is the 20% darker color. If you saturate the color by 10%, you get **149F94**, and if you desaturate by 10%, it is **349F96**.

Distribution



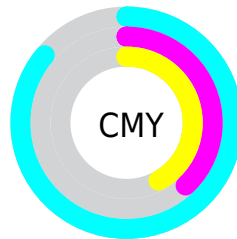
- Red (14%)
- Green (62%)
- Blue (58%)



- Red (14%)
- Yellow (39%)
- Blue (62%)



- Cyan (77%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (86%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249F95 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 249F95 by changing the saturation by 10% instead.



249F95



249F95

FFFFFF



00847B



67D6CB



006B62



85F3E7



00524B



A2FFFF



003A34



BFFFFFF



00251F



DFFFFFF



000007



FBFFFF



000000



249F95



249F95



149F94



349F96

■ 049F92

■ 449F98

■ 009F92

■ 549F99

■ 649F9A

■ 739F9B

■ 839F9D

■ 939F9E

■ A39F9F

■ B39FA1

Harmonies

Analogous

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



559D76



249F95



009EB2

Triad

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



249F95



9B84C0



B68557

Complementary

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



249F95



9F242E

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.



C77B6C



249F95



BB7AA7

Square

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



249F95



6D8FCB



C97789



9C8F51

Rectangle

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



249F95



1A9AC1



C97789



BD815D

Sweetspot

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



249F95



9FCFCB



2E9F24



4B6966



E8E8E8



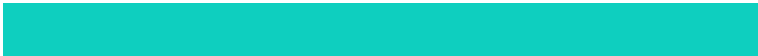
696969

Same Dimension

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



249F95



0ECFBF



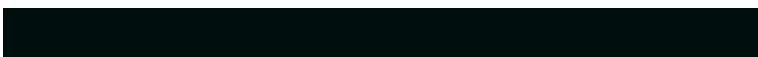
246C9F



474F4E



008F83



000F0E

Inverse Universe

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



9F242E



CF0E1E



9F5724



4F4748



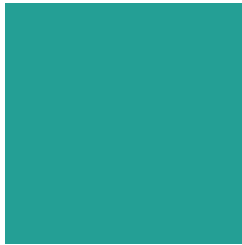
8F000C



0F0001

Previews

White Background



This preview shows how the Hex color 249F95 looks on a white background.

Color Contrast Check

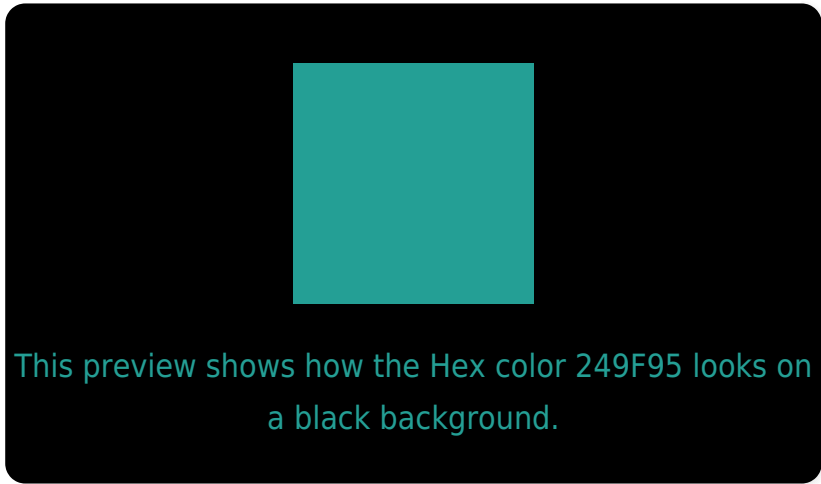
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

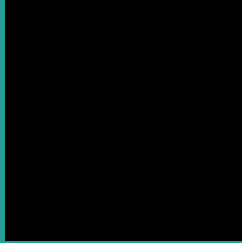
Any Text WCAG AA ✓ Pass

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 249F95 Background



This preview shows how black text looks on a background with the Hex color 249F95.

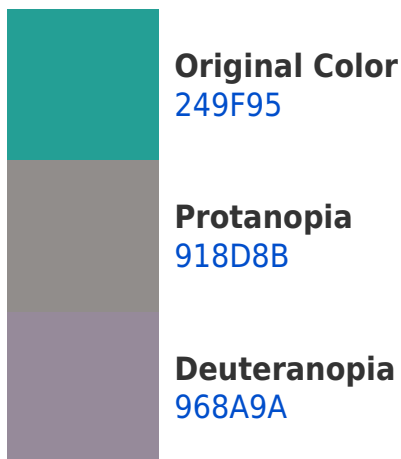


This preview shows how white text looks on a background with the Hex color 249F95.

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



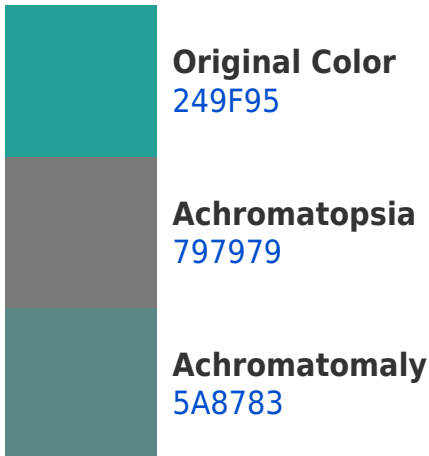


Tritanopia
329CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 249F95 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 #249F95 looks like.

```
.text, #text, p{  
    color:#249F95  
}
```

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 #249F95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249F95
}
```

Border

The CSS property to change the border of an element to Hex 249F95 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
#249F95 }
```

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

```
.border{ border-color:#249F95 }
```

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

Here you see how a box with a 4 pixel #249F95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249F95; -webkit-box-shadow:4px 4px  
4px 4px #249F95; box-shadow:4px 4px 4px  
4px #249F95 }
```

Background

The CSS property to change the background color of an element to Hex 249F95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249F95 }
```

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

```
.background{ background-color:#249F95 }
```

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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