

Converting Colors

Hex(59D1A4)

Have a look what the booklet for
Hex(59D1A4) contains.

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Color

Hex(59D1A4)

Conversions

Conversions Part 1

Format	Color
Hex	59D1A4
RGB	89, 209, 164
RGB Percent	35%, 82%, 64%
CMY	0.6510, 0.1804, 0.3569
CMYK	0.57, 0.00, 0.22, 0.18
HSL	158°, 57%, 58%
HSV	158°, 57%, 82%
XYZ	33.6211, 50.4051, 43.0791
YIQ	167.9900, -57.0750, -39.4350

Conversions

Conversions Part 2

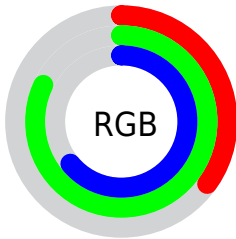
Format	Color
RYB	89, 163, 209
Decimal	5886372
CIELab	76.32, -44.31, 12.34
CIELCh	76, 45.994, 164.433
Yxy	50.4051, 0.2645, 0.3966
Android (android.graphics.Color)	4284076452 (0xFF59D1A4)
YUV	167.9900, -1.9671, -69.2742
Hunter-Lab	70.9966, -39.7135, 13.7218

Details

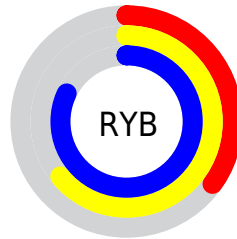
The Hex color **59D1A4** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D15986**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **94FFDB**, and **089A70** is the 20% darker color. If you saturate the color by 10%, you get **44D19C**, and if you desaturate by 10%, it is **6ED1AC**.

Distribution



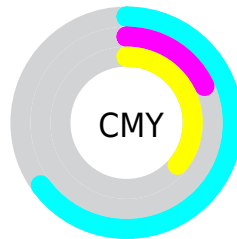
- Red (35%)
- Green (82%)
- Blue (64%)



- Red (35%)
- Yellow (64%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D1A4 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 59D1A4 by changing the saturation by 10% instead.

 59D1A4

 59D1A4

FFFFFF

 39B58A

 94FFDB

 089A70

 B1FFF8

 007F58

 CFFFFFF

 006540

 EDFFFF

 004C2A

 003415

 001E00

 000000

 59D1A4

 59D1A4

 44D19C

 6ED1AC

 2FD194

 83D1B4

 1AD18C

 98D1BC

 05D185

 ADD1C3

 00D183

 C2D1CB

 D6D1D3

 EBD1DB

 FFD1E3

 FFD1EB

Harmonies

Analogous

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



93CB7E



59D1A4



00D3D0

Triad

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



59D1A4



9EB9FF



FFA383

Complementary

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



59D1A4



D15986

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.



FF9BA9



59D1A4



DBA9F9

Square

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



59D1A4



49C7FF



FF9DD4



EAB26A

Rectangle

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



59D1A4



00D1EB



FF9DD4



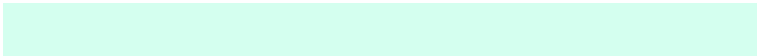
FF9F8E

Sweetspot

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



59D1A4



D4FFEF



87D159



668076



000000



808080

Same Dimension

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



59D1A4



4FFFBF



59C3D1



5E6965



00A869



00291A

Inverse Universe

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



D15986



FF4F91



D16759



695E62



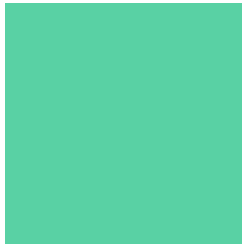
A8003F



29000F

Previews

White Background



This preview shows how the Hex color 59D1A4 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 Hex color 59D1A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

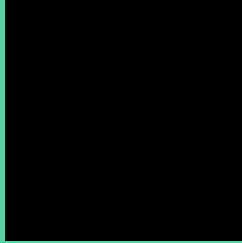
Any Text WCAG AA ✓ Pass

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](#).

Hex 59D1A4 Background



This preview shows how black text looks on a background with the Hex color 59D1A4.

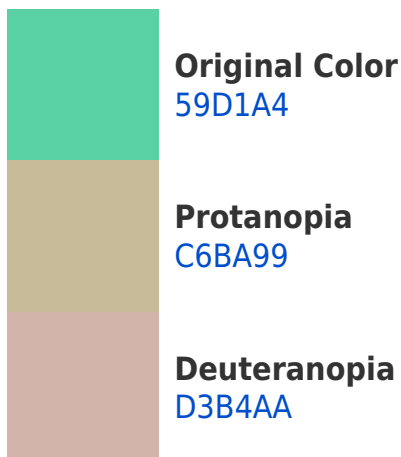


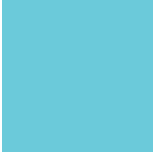
This preview shows how white text looks on a background with the Hex color 59D1A4.

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](#).

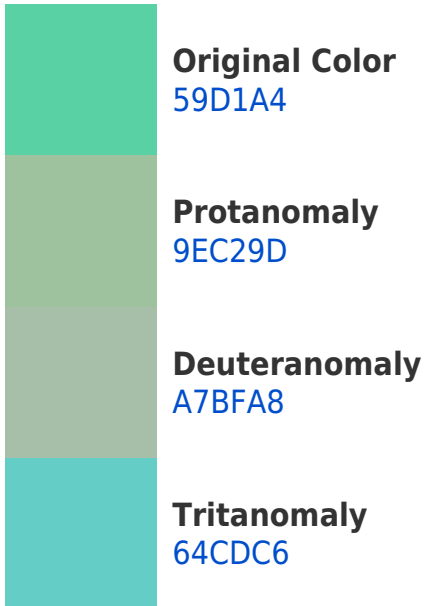
Dichromacy



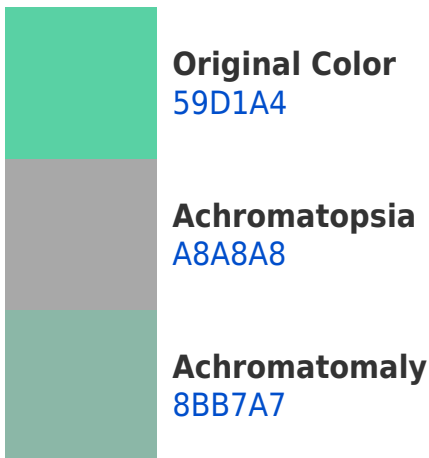


Tritanopia
6BCADA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59D1A4 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 #59D1A4 looks like.

```
.text, #text, p{  
    color:#59D1A4  
}
```

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 #59D1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D1A4
}
```

Border

The CSS property to change the border of an element to Hex 59D1A4 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
#59D1A4 }
```

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

```
.border{ border-color:#59D1A4 }
```

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

Here you see how a box with a 4 pixel #59D1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D1A4; -webkit-box-shadow:4px 4px  
4px 4px #59D1A4; box-shadow:4px 4px 4px  
4px #59D1A4 }
```

Background

The CSS property to change the background color of an element to Hex 59D1A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D1A4 }
```

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

```
.background{ background-color:#59D1A4 }
```

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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