

Converting Colors

Hex(4CA590)

Have a look what the booklet for
Hex(4CA590) contains.

Hex(4CA590)	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(4CA590)

Conversions

Conversions Part 1

Format	Color
Hex	4CA590
RGB	76, 165, 144
RGB Percent	30%, 65%, 56%
CMY	0.7020, 0.3529, 0.4353
CMYK	0.54, 0.00, 0.13, 0.35
HSL	166°, 37%, 47%
HSV	166°, 54%, 65%
XYZ	21.4697, 30.4604, 31.1334
YIQ	135.9950, -46.3030, -25.3990

Conversions

Conversions Part 2

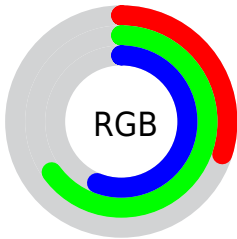
Format	Color
RYB	76, 126, 165
Decimal	5023120
CIELab	62.05, -31.91, 2.81
CIElCh	62, 32.035, 174.972
Yxy	30.4604, 0.2585, 0.3667
Android (android.graphics.Color)	4283213200 (0xFF4CA590)
YUV	135.9950, 3.9465, -52.6156
Hunter-Lab	55.1909, -27.1463, 5.1879

Details

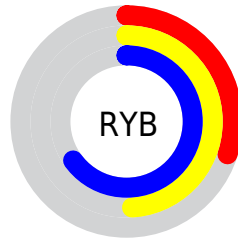
The Hex color **4CA590** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A54C61**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **84DCC6**, and **04715E** is the 20% darker color. If you saturate the color by 10%, you get **3BA58C**, and if you desaturate by 10%, it is **5CA594**.

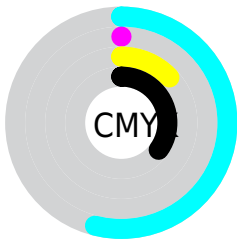
Distribution



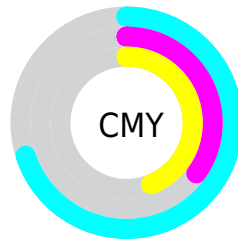
- Red (30%)
- Green (65%)
- Blue (56%)



- Red (30%)
- Yellow (49%)
- Blue (65%)



- Cyan (54%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (70%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA590 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 4CA590 by changing the saturation by 10% instead.



4CA590



4CA590

FFFFFF



2F8A76



84DCC6



04715E



A0F9E2



005846



BCFFFE



004030



D9FFFF



00291B



F7FFFF



000E00



000000



4CA590



4CA590



3BA58C



5CA594

 2BA588

 6DA598

 1BA584

 7DA59C

 0AA580

 8EA5A0

 00A57E

 9EA5A3

 AFA5A7

 BFA5AB

 D0A5AF

 E0A5B3

Harmonies

Analogous

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



70A274



4CA590



2EA5AD

Triad

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



4CA590



9390C9



C38968

Complementary

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



4CA590



A54C61

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.



CE827F



4CA590



B586B7

Square

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



4CA590



669ACE



C9819C



AD935D

Rectangle

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



4CA590



30A3BD



C9819C



C8866F

Sweetspot

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



4CA590



B4D6CE



62A54C



576B66



EBEBEB



6B6B6B

Same Dimension

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



4CA590



4BD6B5



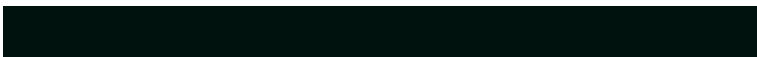
4C8FA5



495250



00916F



00120E

Inverse Universe

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



A54C61



D64B6C



A5624C



52494B



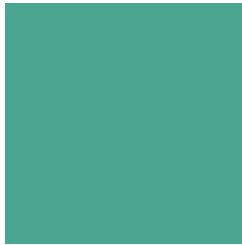
910022



120004

Previews

White Background



This preview shows how the Hex color 4CA590 looks on a white background.

Color Contrast Check

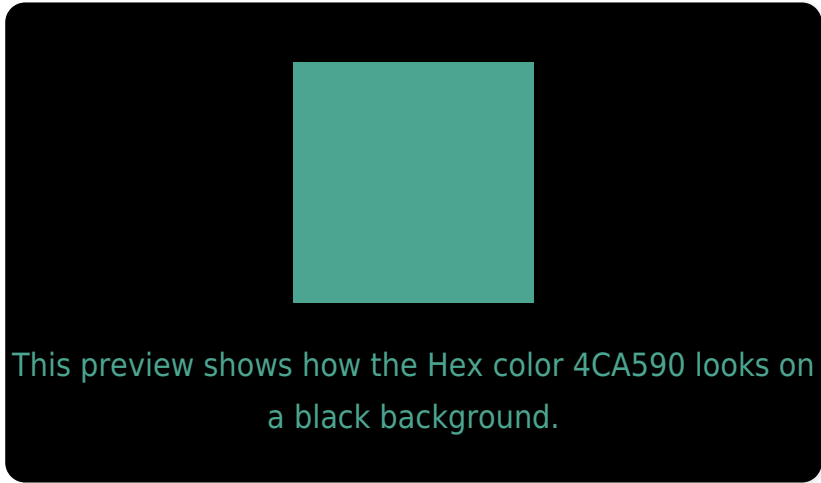
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

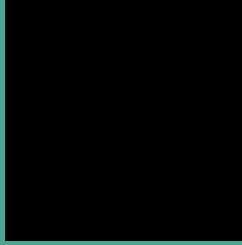
Any Text WCAG AA ✓ Pass

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 4CA590 Background



This preview shows how black text looks on a background with the Hex color 4CA590.

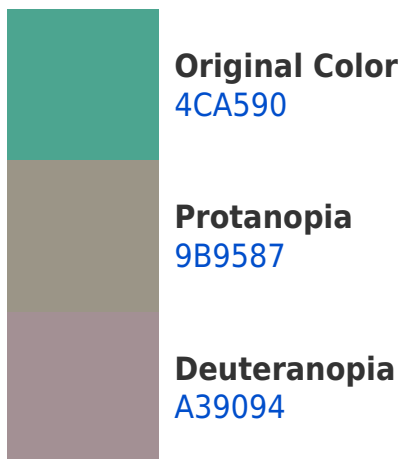


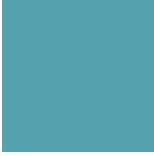
This preview shows how white text looks on a background with the Hex color 4CA590.

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
56A1AE

Trichromacy



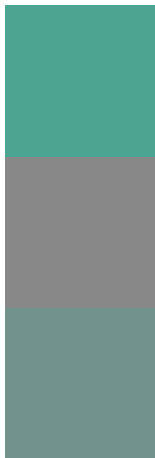
Original Color
4CA590

Protanomaly
7E9B8A

Deuteranomaly
839893

Tritanomaly
52A2A3

Monochromacy



Original Color
4CA590

Achromatopsia
888888

Achromatomaly
72938B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA590 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 #4CA590 looks like.

```
.text, #text, p{  
    color:#4CA590  
}
```

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 #4CA590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA590
}
```

Border

The CSS property to change the border of an element to Hex 4CA590 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
#4CA590 }
```

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

```
.border{ border-color:#4CA590 }
```

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

Here you see how a box with a 4 pixel #4CA590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA590; -webkit-box-shadow:4px 4px  
4px 4px #4CA590; box-shadow:4px 4px 4px  
4px #4CA590 }
```

Background

The CSS property to change the background color of an element to Hex 4CA590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA590 }
```

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

```
.background{ background-color:#4CA590 }
```

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