

# Converting Colors

Hex(42A594)

Have a look what the booklet for  
Hex(42A594) contains.

<b>Hex(42A594)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(42A594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42A594
RGB	66, 165, 148
RGB Percent	26%, 65%, 58%
CMY	0.7412, 0.3529, 0.4196
CMYK	0.60, 0.00, 0.10, 0.35
HSL	170°, 43%, 45%
HSV	170°, 60%, 65%
XYZ	21.0472, 30.2066, 32.7381
YIQ	133.4610, -53.5470, -26.2750

# Conversions

## Conversions Part 2

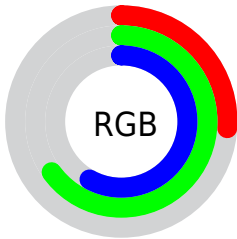
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 120, 165
Decimal	4367764
CIELab	61.83, -32.99, 0.21
CIELCh	62, 32.986, 179.641
Yxy	30.2066, 0.2506, 0.3596
Android (android.graphics.Color)	4282557844 (0xFF42A594)
YUV	133.4610, 7.1677, -59.1633
Hunter-Lab	54.9606, -27.8243, 3.1554

# Details

The Hex color **42A594** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A54253**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7CDDCA**, and **007061** is the 20% darker color. If you saturate the color by 10%, you get **32A591**, and if you desaturate by 10%, it is **52A597**.

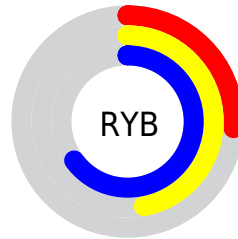
# Distribution



Red (26%)

Green (65%)

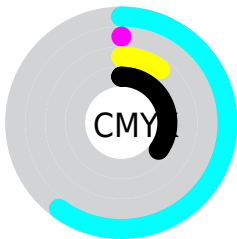
Blue (58%)



Red (26%)

Yellow (47%)

Blue (65%)

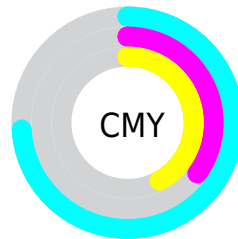


Cyan (60%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (74%)

Magenta (35%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42A594 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 42A594 by changing the saturation by 10% instead.





42A594



42A594

FFFFFF



208A7A



7CDDCA



007061



98F9E6



00574A



B5FFFF



003F33



D2FFFF



00291E



FFFFFF



000D06



000000



42A594



42A594



32A591



52A597

■ 21A58E

■ 63A59A

■ 10A58B

■ 73A59C

■ 00A589

■ 84A59F

■ 94A5A2

■ A5A5A5

■ B6A5A8

■ C6A5AB

■ D6A5AE

# Harmonies

## Analogous

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



68A277



42A594



22A4B1

# Triad

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



42A594



988EC8



C18964

# Complementary

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



42A594



A54253

# 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.



CE817A



42A594



BA84B3

# Square

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



42A594



6B98CF



CC7F97



A9935B

# Rectangle

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



42A594



2CA2C1



CC7F97



C6866A



# Sweetspot

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



42A594



B0D6D0



54A542



546B67



EBEBEB



6B6B6B



# Same Dimension

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



42A594



3CD6BC



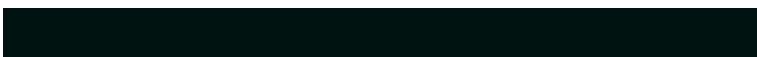
4286A5



495250



009178



00120F



# Inverse Universe

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



A54253



D63C56



A56142



52494B



910019

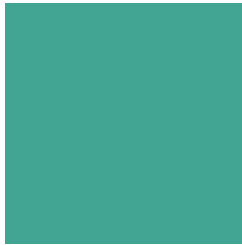


120003



# Previews

## White Background



This preview shows how the Hex color 42A594 looks on a white background.

## Color Contrast Check

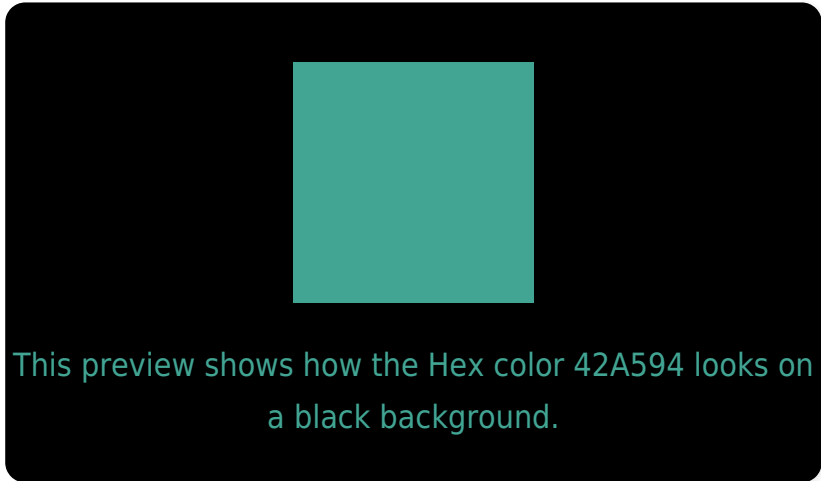
Large Text (above 18pt) WCAG AA × Fail

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

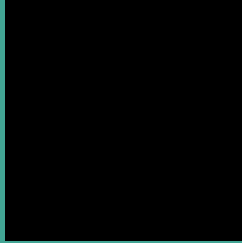
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42A594 Background



This preview shows how black text looks on a background with the Hex color 42A594.

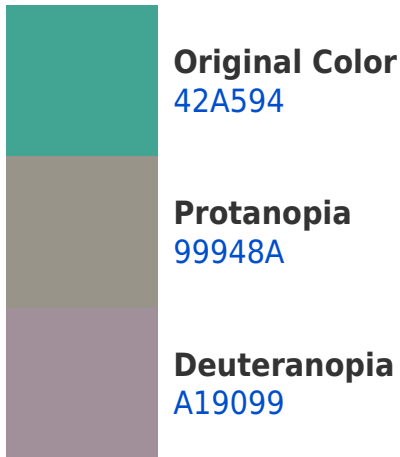


This preview shows how white text looks on a background with the Hex color 42A594.

# 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](#).

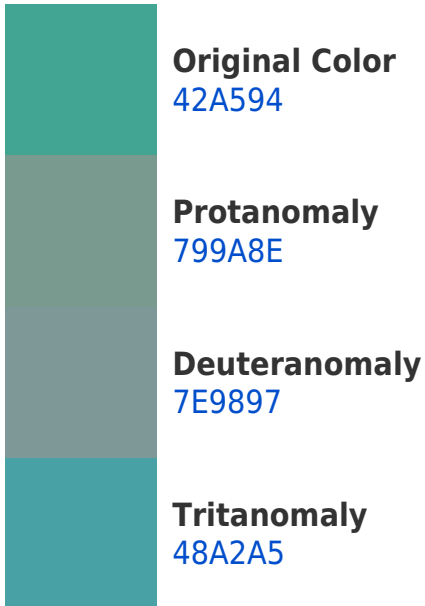
## Dichromacy



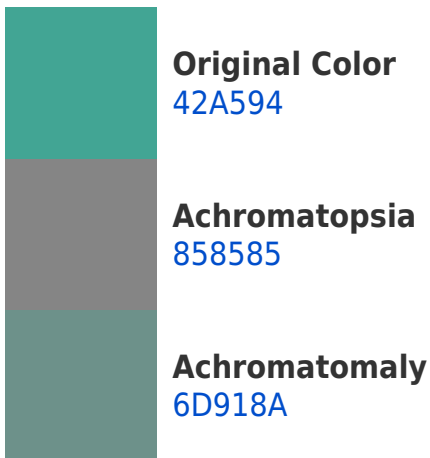


**Tritanopia**  
4CA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42A594 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 #42A594 looks like.

```
.text, #text, p{  
    color:#42A594  
}
```

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 #42A594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A594
}
```

## Border

The CSS property to change the border of an element to Hex 42A594 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
#42A594 }
```

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

```
.border{ border-color:#42A594 }
```

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

Here you see how a box with a 4 pixel #42A594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A594; -webkit-box-shadow:4px 4px  
4px 4px #42A594; box-shadow:4px 4px 4px  
4px #42A594 }
```

# Background

The CSS property to change the background color of an element to Hex 42A594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A594 }
```

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

```
.background{ background-color:#42A594 }
```

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