

# Converting Colors

Hex(53A490)

Have a look what the booklet for  
Hex(53A490) contains.

<b>Hex(53A490)</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(53A490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53A490
RGB	83, 164, 144
RGB Percent	33%, 64%, 56%
CMY	0.6745, 0.3569, 0.4353
CMYK	0.49, 0.00, 0.12, 0.36
HSL	165°, 33%, 48%
HSV	165°, 49%, 64%
XYZ	21.8768, 30.4035, 31.1010
YIQ	137.5010, -41.8560, -23.3920

# Conversions

## Conversions Part 2

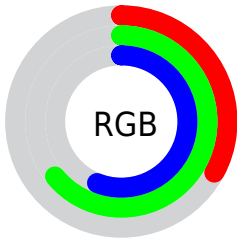
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 129, 164
Decimal	5481616
CIELab	62.00, -29.79, 2.77
CIElCh	62, 29.918, 174.689
Yxy	30.4035, 0.2624, 0.3646
Android (android.graphics.Color)	4283671696 (0xFF53A490)
YUV	137.5010, 3.2040, -47.7974
Hunter-Lab	55.1394, -25.6734, 5.1555

# Details

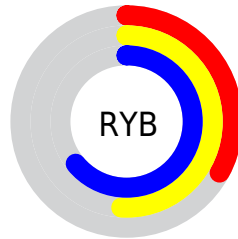
The Hex color **53A490** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A45367**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8ADBC6**, and **17705E** is the 20% darker color. If you saturate the color by 10%, you get **43A48C**, and if you desaturate by 10%, it is **63A494**.

# Distribution



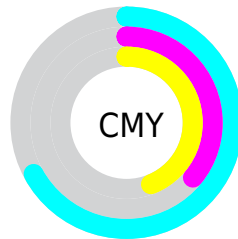
- Red (33%)
- Green (64%)
- Blue (56%)



- Red (33%)
- Yellow (51%)
- Blue (64%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53A490 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 53A490 by changing the saturation by 10% instead.





53A490



53A490

FFFFFF



378976



8ADBC6



17705E



A6F8E2



005746



C2FFFE



003F30



DFFFFFF



00291B



FCFFFF



000D00



000000



53A490



53A490



43A48C




63A494

 32A488

 74A498

 22A484

 84A49C

 11A480

 95A4A0

 01A47C

 A5A4A4

 00A47C

 B5A4A8

 C6A4AC

 D6A4B0

 E7A4B4

# Harmonies

## Analogous

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



73A176



53A490



3BA4AB

# Triad

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



53A490



9391C6



C18A6C

# Complementary

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



53A490



A45367

# 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.



CA8381



53A490



B388B5

# Square

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



53A490



6A9ACA



C6829C



AC9361

# Rectangle

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



53A490



3DA2BA



C6829C



C58772



# Sweetspot

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



53A490



B6D6CE



67A453



586B66



EBEBEB



6B6B6B



# Same Dimension

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



53A490



58D6B7



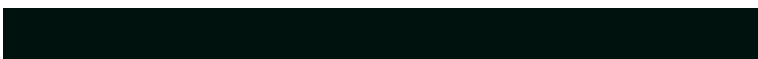
5390A4



495250



00916D



00120D



# Inverse Universe

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



A45367



D65877



A46753



52494B



910024

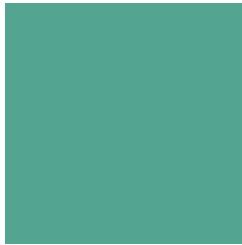


120004



# Previews

## White Background



This preview shows how the Hex color 53A490 looks on a white background.

## Color Contrast Check

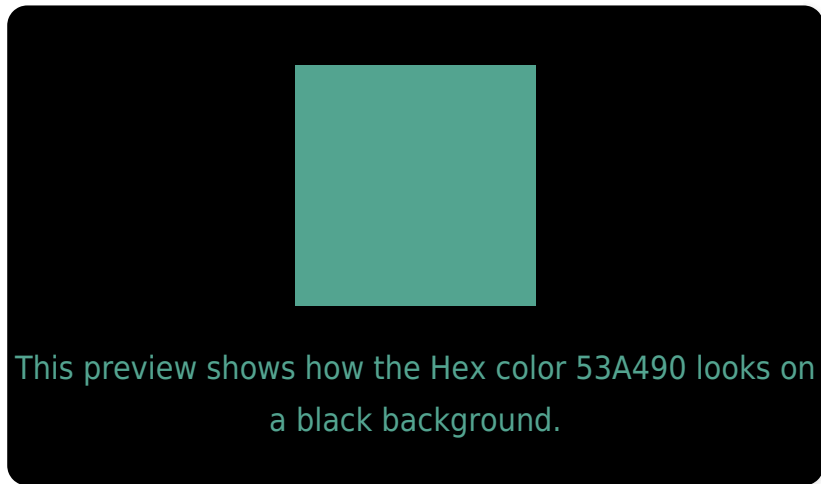
Large Text (above 18pt) WCAG AA × Fail

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

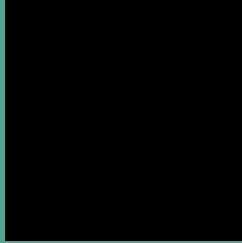
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53A490 Background



This preview shows how black text looks on a background with the Hex color 53A490.

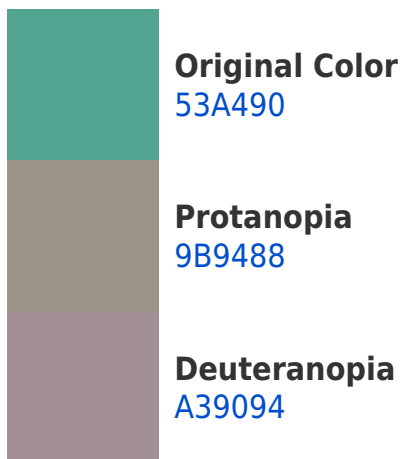


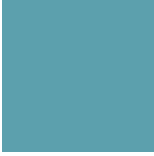
This preview shows how white text looks on a background with the Hex color 53A490.

# 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





# Trichromacy



**Original Color**  
53A490



**Protanomaly**  
819A8B



**Deuteranomaly**  
869793



**Tritanomaly**  
59A1A2

# Monochromacy



**Original Color**  
53A490



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
76938C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53A490 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 #53A490 looks like.

```
.text, #text, p{  
    color:#53A490  
}
```

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 #53A490 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A490
}
```

## Border

The CSS property to change the border of an element to Hex 53A490 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
#53A490 }
```

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

```
.border{ border-color:#53A490 }
```

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

Here you see how a box with a 4 pixel #53A490 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A490; -webkit-box-shadow:4px 4px  
4px 4px #53A490; box-shadow:4px 4px 4px  
4px #53A490 }
```

# Background

The CSS property to change the background color of an element to Hex 53A490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A490 }
```

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

```
.background{ background-color:#53A490 }
```

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