

# Converting Colors

Hex(53A672)

Have a look what the booklet for  
Hex(53A672) contains.

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**Color**

**Hex(53A672)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53A672
RGB	83, 166, 114
RGB Percent	33%, 65%, 45%
CMY	0.6745, 0.3490, 0.5529
CMYK	0.50, 0.00, 0.31, 0.35
HSL	142°, 33%, 49%
HSV	142°, 50%, 65%
XYZ	20.2408, 30.3263, 20.7064
YIQ	135.2550, -32.7760, -33.7680

# Conversions

## Conversions Part 2

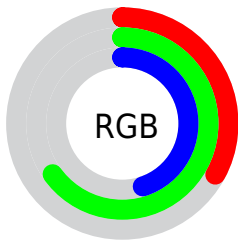
Format	Color
<a href="#">RYB</a>	<a href="#">83, 143, 166</a>
Decimal	<a href="#">5482098</a>
CIELab	<a href="#">61.93, -37.34, 19.36</a>
CIELCh	<a href="#">62, 42.061, 152.598</a>
Yxy	<a href="#">30.3263, 0.2840, 0.4255</a>
Android (android.graphics.Color)	<a href="#">4283672178 (0xFF53A672)</a>
YUV	<a href="#">135.2550, -10.4787, -45.8276</a>
Hunter-Lab	<a href="#">55.0694, -30.7636, 16.2552</a>

# Details

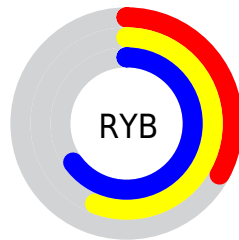
The Hex color **53A672** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A65387**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **89DEA6**, and **187142** is the 20% darker color. If you saturate the color by 10%, you get **42A668**, and if you desaturate by 10%, it is **64A67C**.

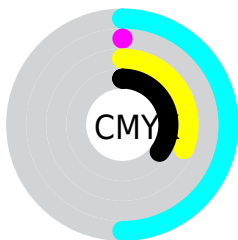
# Distribution



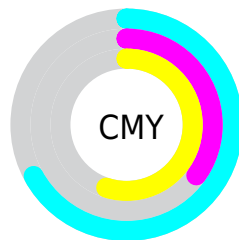
- Red (33%)
- Green (65%)
- Blue (45%)



- Red (33%)
- Yellow (56%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53A672 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 53A672 by changing the saturation by 10% instead.





53A672



53A672

FFFFFF



378B59



89DEA6



187142



A5FAC1



00582B



C2FFDD



004016



DEFFFA



002A00



FCFFFF



000D00



000000



53A672



53A672



42A668




64A67C

 32A65D

 74A687

 21A653

 85A691

 11A648

 95A69C

 00A63E

 A6A6A6

 B7A6B0

 C7A6BB

 D8A6C5

 E8A6D0

# Harmonies

## Analogous

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



839F55



53A672



00A998

# Triad

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



53A672



5E98E0



DA7B6F

# Complementary

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



53A672



A65387

# 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.



DB7794



53A672



9D8BD5

# Square

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



53A672



00A2D7



C77DB9



C88754

# Rectangle

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



53A672



00A9B1



C77DB9



DC797B



# Sweetspot

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



53A672



B8D9C4



88A653



5A6E61



EDEDED



6E6E6E



# Same Dimension

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



53A672



57D987



53A69B



4C544F



009437



001408



# Inverse Universe

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



A65387



D957A8



A6535E



544C51



94005D



14000D



# Previews

## White Background



This preview shows how the Hex color 53A672 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

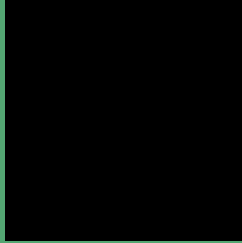
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53A672 Background



This preview shows how black text looks on a background with the Hex color 53A672.

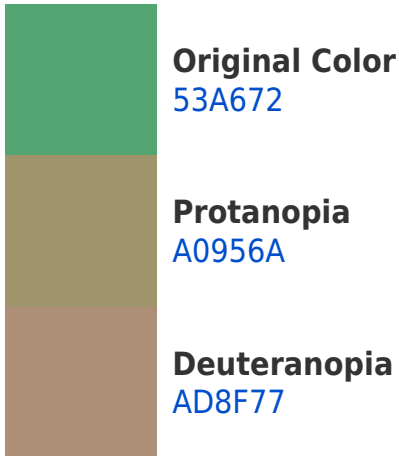


This preview shows how white text looks on a background with the Hex color 53A672.

# 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**  
53A672



**Protanomaly**  
849B6D



**Deuteranomaly**  
8C9775



**Tritanomaly**  
5DA297

# Monochromacy



**Original Color**  
53A672



**Achromatopsia**  
878787



**Achromatomaly**  
74927F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53A672 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 #53A672 looks like.

```
.text, #text, p{  
    color:#53A672  
}
```

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 #53A672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A672
}
```

## Border

The CSS property to change the border of an element to Hex 53A672 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
#53A672 }
```

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

```
.border{ border-color:#53A672 }
```

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

Here you see how a box with a 4 pixel #53A672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A672; -webkit-box-shadow:4px 4px  
4px 4px #53A672; box-shadow:4px 4px 4px  
4px #53A672 }
```

# Background

The CSS property to change the background color of an element to Hex 53A672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A672 }
```

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

```
.background{ background-color:#53A672 }
```

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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