

Converting Colors

Hex(53B272)

Have a look what the booklet for
Hex(53B272) contains.

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Color

Hex(53B272)

Conversions

Conversions Part 1

Format	Color
Hex	53B272
RGB	83, 178, 114
RGB Percent	33%, 70%, 45%
CMY	0.6745, 0.3020, 0.5529
CMYK	0.53, 0.00, 0.36, 0.30
HSL	140°, 38%, 51%
HSV	140°, 53%, 70%
XYZ	22.5249, 34.8947, 21.4678
YIQ	142.2990, -36.0760, -40.0440

Conversions

Conversions Part 2

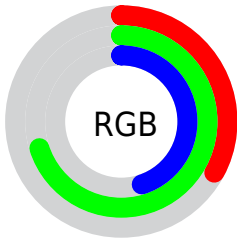
Format	Color
RYB	83, 155, 178
Decimal	5485170
CIELab	65.67, -42.59, 24.40
CIELCh	66, 49.087, 150.194
Yxy	34.8947, 0.2855, 0.4423
Android (android.graphics.Color)	4283675250 (0xFF53B272)
YUV	142.2990, -13.9514, -52.0052
Hunter-Lab	59.0717, -35.3108, 19.8031

Details

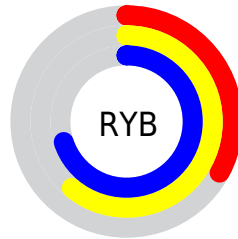
The Hex color **53B272** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B25393**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8BEAA6**, and **117C41** is the 20% darker color. If you saturate the color by 10%, you get **41B266**, and if you desaturate by 10%, it is **65B27E**.

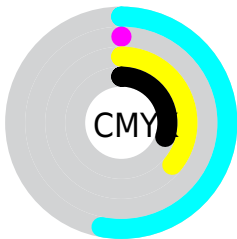
Distribution



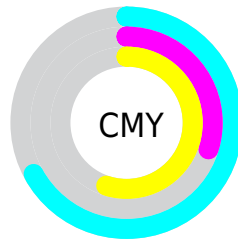
- Red (33%)
- Green (70%)
- Blue (45%)



- Red (33%)
- Yellow (61%)
- Blue (70%)



- Cyan (53%)
- Magenta (0%)
- Yellow (36%)
- Black (30%)



- Cyan (67%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B272 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 53B272 by changing the saturation by 10% instead.

 53B272

 53B272

FFFFFF

 369759

 8BEAA6

 117C41

 A7FFC2

 00632A

 C4FFDE

 004A14

 E1FFFA

 003200

FEFFFF

 001C00

 000000

 53B272

 53B272

 41B266

 65B27E

 2FB25A

 77B28A

 1EB24E

 88B296

 0CB242

 9AB2A2

 00B23A

 ACB2AE

 BEB2BA

 D0B2C6

 E1B2D2

 F3B2DE

Harmonies

Analogous

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



8CAA50



53B272



00B69E

Triad

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



53B272



4EA4F7



F07F76

Complementary

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



53B272



B25393

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.



EF7AA1



53B272



A294EC

Square

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



53B272



00AFEB



D683CC



DC8D54

Rectangle

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



53B272



00B6BC



D683CC



F27C84

Sweetspot

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



53B272



C3E8CF



94B253



5F7566



F5F5F5



757575

Same Dimension

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



53B272



54E884



53B2A1



505953



009932



001A08

Inverse Universe

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



B25393



E854B8



B25364



595056



990067



1A0011

Previews

White Background



This preview shows how the Hex color 53B272 looks on a white background.

Color Contrast Check

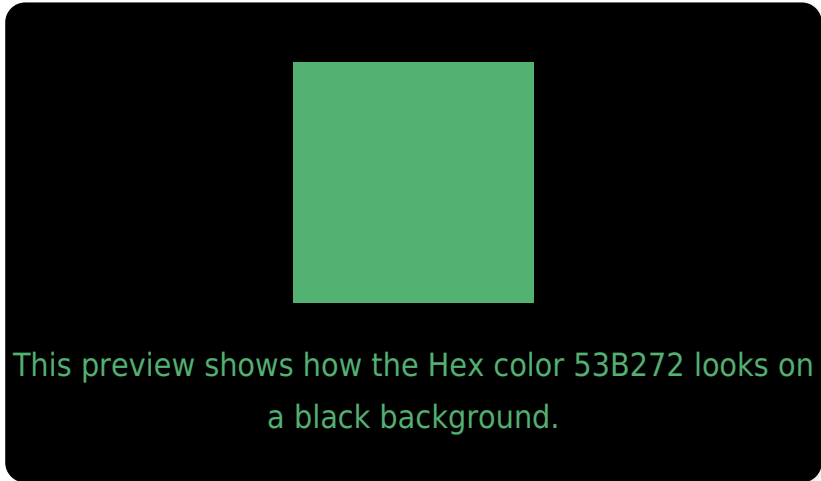
Large Text (above 18pt) WCAG AA × Fail

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

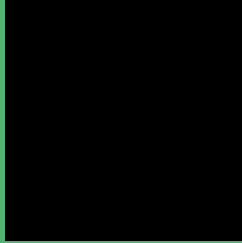
Any Text WCAG AA ✓ Pass

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 53B272 Background



This preview shows how black text looks on a background with the Hex color 53B272.

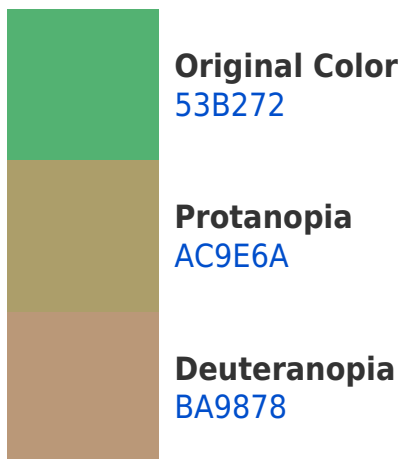


This preview shows how white text looks on a background with the Hex color 53B272.

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
65AAB7

Trichromacy



Original Color
53B272



Protanomaly
8CA56D



Deuteranomaly
95A176



Tritanomaly
5EAD9E

Monochromacy



Original Color
53B272



Achromatopsia
8E8E8E



Achromatomaly
799B84

CSS Examples

Text

The CSS property to change the color of the text to Hex 53B272 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 #53B272 looks like.

```
.text, #text, p{  
    color:#53B272  
}
```

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 #53B272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B272
}
```

Border

The CSS property to change the border of an element to Hex 53B272 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
#53B272 }
```

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

```
.border{ border-color:#53B272 }
```

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

Here you see how a box with a 4 pixel #53B272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B272; -webkit-box-shadow:4px 4px  
4px 4px #53B272; box-shadow:4px 4px 4px  
4px #53B272 }
```

Background

The CSS property to change the background color of an element to Hex 53B272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B272 }
```

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

```
.background{ background-color:#53B272 }
```

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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