

Converting Colors

Hex(53B374)

Have a look what the booklet for
Hex(53B374) contains.

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Color

Hex(53B374)

Conversions

Conversions Part 1

Format	Color
Hex	53B374
RGB	83, 179, 116
RGB Percent	33%, 70%, 45%
CMY	0.6745, 0.2980, 0.5451
CMYK	0.54, 0.00, 0.35, 0.30
HSL	141°, 39%, 51%
HSV	141°, 54%, 70%
XYZ	22.8398, 35.3402, 22.1405
YIQ	143.1140, -36.9930, -39.9450

Conversions

Conversions Part 2

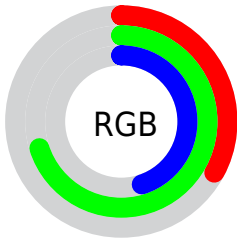
Format	Color
RYB	83, 154, 179
Decimal	5485428
CIELab	66.01, -42.65, 23.79
CIELCh	66, 48.838, 150.845
Yxy	35.3402, 0.2844, 0.4400
Android (android.graphics.Color)	4283675508 (0xFF53B374)
YUV	143.1140, -13.3672, -52.7200
Hunter-Lab	59.4476, -35.4536, 19.5315

Details

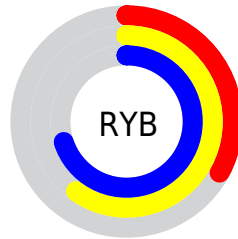
The Hex color **53B374** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B35392**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8BEBA8**, and **117D43** is the 20% darker color. If you saturate the color by 10%, you get **41B368**, and if you desaturate by 10%, it is **65B380**.

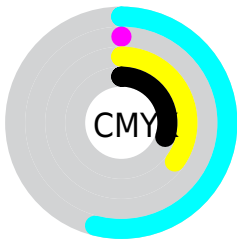
Distribution



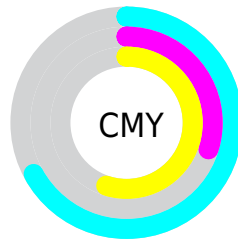
- Red (33%)
- Green (70%)
- Blue (45%)



- Red (33%)
- Yellow (60%)
- Blue (70%)



- Cyan (54%)
- Magenta (0%)
- Yellow (35%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 53B374 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 53B374 by changing the saturation by 10% instead.


 53B374

 53B374

FFFFFF

 36985B

 8BEBA8

 117D43

 A7FFC4

 00642C

 C4FFE0

 004B16

 E1FFFD

 003300

 001D00

 000000

 53B374

 53B374

 41B368

 65B380

 2FB35D

 77B38B

 1DB351

 89B397

 0BB345

 9BB3A3

 00B33E

 ACB3AF

 BEB3BA

 D0B3C6

 E2B3D2

 F4B3DE

Harmonies

Analogous

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



8CAB52



53B374



00B7A0

Triad

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



53B374



52A5F8



F08076

Complementary

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



53B374



B35392

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.



F07BA1



53B374



A594EC

Square

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



53B374



00B0EC



D784CC



DC8F54

Rectangle

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



53B374



00B6BE



D784CC



F37D84

Sweetspot

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



53B374



C3E8D0



93B353



5F7567



F5F5F5



757575

Same Dimension

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



53B374



54E887



53B3A3



505953



009935



001A09

Inverse Universe

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



B35392



E854B5



B35363



595056



990064



1A0011

Previews

White Background



This preview shows how the Hex color 53B374 looks on a white background.

Color Contrast Check

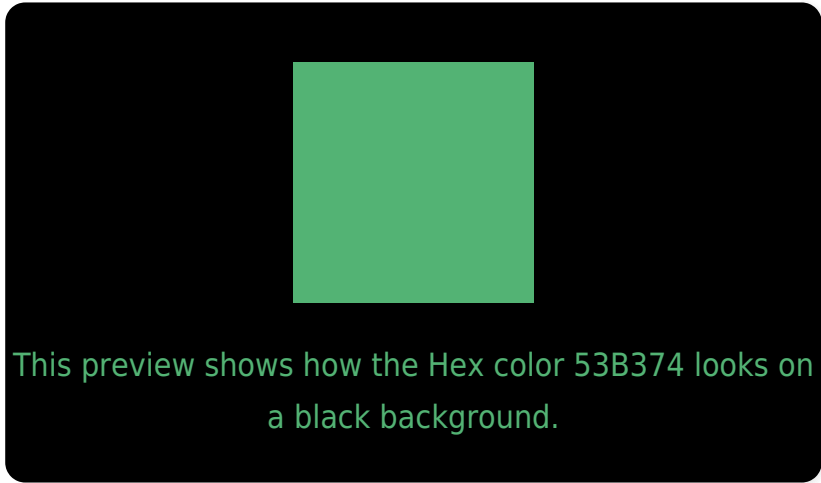
Large Text (above 18pt) WCAG AA × Fail

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 53B374 Background



This preview shows how black text looks on a background with the Hex color 53B374.

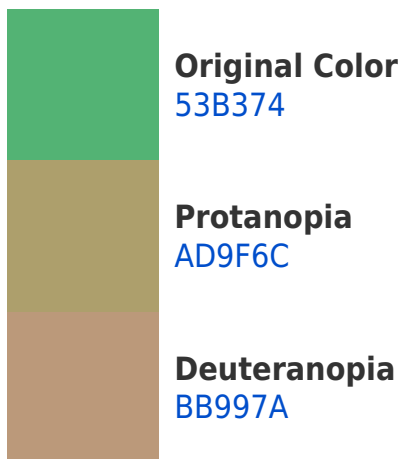


This preview shows how white text looks on a background with the Hex color 53B374.

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
65ABB8

Trichromacy



Original Color
53B374



Protanomaly
8CA66F



Deuteranomaly
95A278



Tritanomaly
5EAE9F

Monochromacy



Original Color
53B374



Achromatopsia
8F8F8F



Achromatomaly
799C85

CSS Examples

Text

The CSS property to change the color of the text to Hex 53B374 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 #53B374 looks like.

```
.text, #text, p{  
    color:#53B374  
}
```

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 #53B374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B374
}
```

Border

The CSS property to change the border of an element to Hex 53B374 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
#53B374 }
```

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

```
.border{ border-color:#53B374 }
```

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

Here you see how a box with a 4 pixel #53B374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B374; -webkit-box-shadow:4px 4px  
4px 4px #53B374; box-shadow:4px 4px 4px  
4px #53B374 }
```

Background

The CSS property to change the background color of an element to Hex 53B374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B374 }
```

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

```
.background{ background-color:#53B374 }
```

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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