

Converting Colors

Hex(3B9B53)

Have a look what the booklet for
Hex(3B9B53) contains.

Hex(3B9B53)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B9B53)

Conversions

Conversions Part 1

Format	Color
Hex	3B9B53
RGB	59, 155, 83
RGB Percent	23%, 61%, 33%
CMY	0.7686, 0.3922, 0.6745
CMYK	0.62, 0.00, 0.46, 0.39
HSL	135°, 45%, 42%
HSV	135°, 62%, 61%
XYZ	15.0863, 24.9970, 12.2134
YIQ	118.0880, -34.1040, -42.7440

Conversions

Conversions Part 2

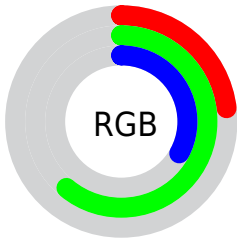
Format	Color
RYB	59, 136, 155
Decimal	3906387
CIELab	57.07, -44.25, 29.53
CIElCh	57, 53.199, 146.280
Yxy	24.9970, 0.2885, 0.4780
Android (android.graphics.Color)	4282096467 (0xFF3B9B53)
YUV	118.0880, -17.2984, -51.8202
Hunter-Lab	49.9970, -33.6335, 20.5144

Details

The Hex color **3B9B53** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B3B83**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **74D286**, and **006724** is the 20% darker color. If you saturate the color by 10%, you get **2B9B47**, and if you desaturate by 10%, it is **4B9B5F**.

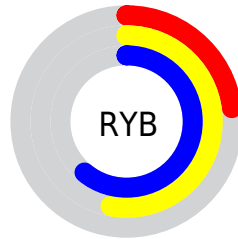
Distribution



Red (23%)

Green (61%)

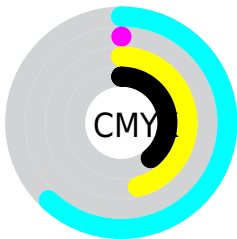
Blue (33%)



Red (23%)

Yellow (53%)

Blue (61%)

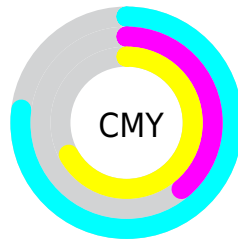


Cyan (62%)

Magenta (0%)

Yellow (46%)

Black (39%)



Cyan (77%)

Magenta (39%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9B53 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 3B9B53 by changing the saturation by 10% instead.

 3B9B53

 3B9B53

FFFFFF

 19803B

 74D286

 006724

 90EFA0

 004E0C

 ACFFBB

 003600

 C9FFD7

 002000

 E6FFF4

 000000

 3B9B53

 3B9B53

 2B9B47

 4B9B5F

 1C9B3C

 5A9B6A

 0C9B30

 6A9B76

 009B27

 799B82

 899B8D

 989B99

 A89BA4

 B79BB0

 C79BBC

Harmonies

Analogous

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



7A922F



3B9B53



009F81

Triad

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



3B9B53



0090E6



DC6363

Complementary

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



3B9B53



9B3B83

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.



D95F91



3B9B53



807FDC

Square

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



3B9B53



009AD5



BC6CBD



C9733C

Rectangle

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



3B9B53



00A0A2



BC6CBD



DE5F72

Sweetspot

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



3B9B53



A3C9AD



839B3B



4F6654



E6E6E6



666666

Same Dimension

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



3B9B53



34C95A



3B9B83



454D47



008C23



000D03

Inverse Universe

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



9B3B83



C934A4



9B3B53



4D454B



8C0069



0D000A

Previews

White Background



This preview shows how the Hex color 3B9B53 looks on a white background.

Color Contrast Check

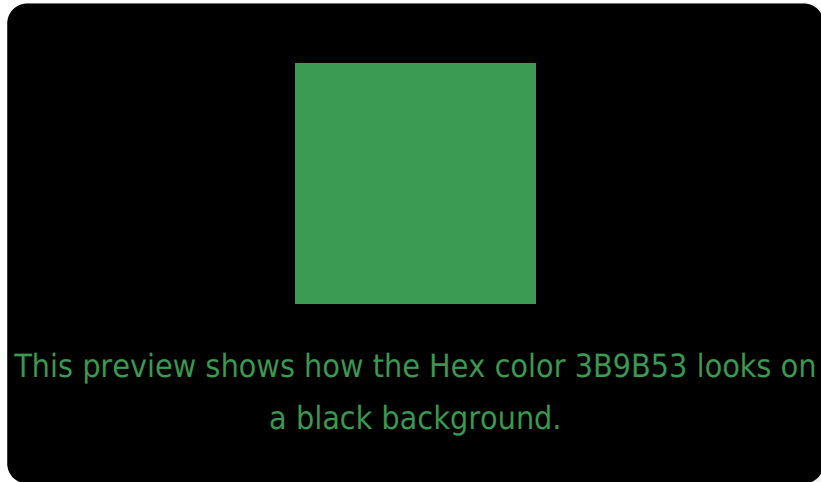
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 3B9B53 Background



This preview shows how black text looks on a background with the Hex color 3B9B53.



This preview shows how white text looks on a background with the Hex color 3B9B53.

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](#).

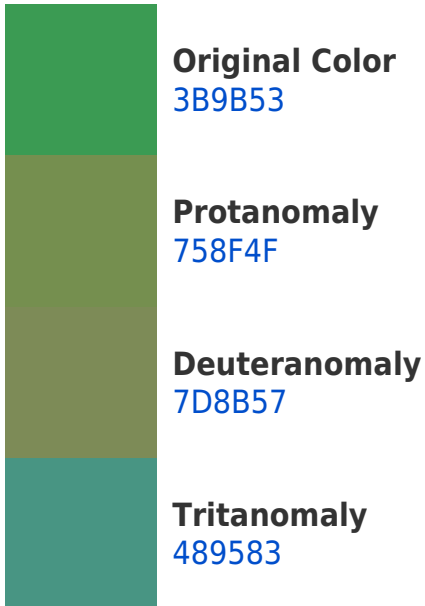
Dichromacy





Tritanopia
50929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9B53 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 #3B9B53 looks like.

```
.text, #text, p{  
    color:#3B9B53  
}
```

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 #3B9B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9B53
}
```

Border

The CSS property to change the border of an element to Hex 3B9B53 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
#3B9B53 }
```

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

```
.border{ border-color:#3B9B53 }
```

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

Here you see how a box with a 4 pixel #3B9B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9B53; -webkit-box-shadow:4px 4px  
4px 4px #3B9B53; box-shadow:4px 4px 4px  
4px #3B9B53 }
```

Background

The CSS property to change the background color of an element to Hex 3B9B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9B53 }
```

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

```
.background{ background-color:#3B9B53 }
```

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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