

# Converting Colors

Hex(50913B)

Have a look what the booklet for  
Hex(50913B) contains.

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**Color**

**Hex(50913B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50913B
RGB	80, 145, 59
RGB Percent	31%, 57%, 23%
CMY	0.6863, 0.4314, 0.7686
CMYK	0.45, 0.00, 0.59, 0.43
HSL	105°, 42%, 40%
HSV	105°, 59%, 57%
XYZ	14.2231, 22.2720, 7.6870
YIQ	115.7610, -11.1340, -40.5260

# Conversions

## Conversions Part 2

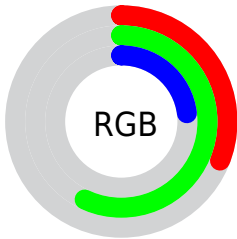
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 145, 124
Decimal	5280059
CIE <sub>Lab</sub>	54.31, -37.63, 38.57
CIE <sub>LCh</sub>	54, 53.884, 134.289
Yxy	22.2720, 0.3219, 0.5041
Android (android.graphics.Color)	4283470139 (0xFF50913B)
YUV	115.7610, -27.9832, -31.3624
Hunter-Lab	47.1933, -28.7920, 23.3780

# Details

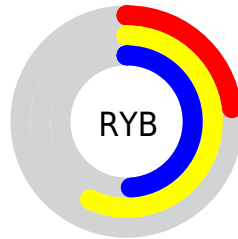
The Hex color **50913B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7C3B91**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **86C76D**, and **185E06** is the 20% darker color. If you saturate the color by 10%, you get **45912D**, and if you desaturate by 10%, it is **5B914A**.

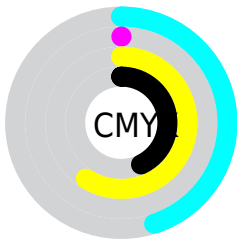
# Distribution



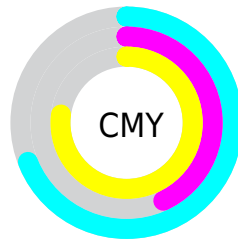
- Red (31%)
- Green (57%)
- Blue (23%)



- Red (23%)
- Yellow (57%)
- Blue (49%)



- Cyan (45%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50913B 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 50913B by changing the saturation by 10% instead.



 50913B

 50913B

FFFFFF

 357722

 86C76D

 185E06

 A1E487

 004500

 BDFFA2

 002E00

 DAFFBE

 001800

 F7FFDA

 000000

 FFFFF7

 50913B

 50913B

 45912D

 5B914A

■ 3A911E

■ 669158

■ 2F910F

■ 719166

■ 249101

■ 7C9175

■ 239100

■ 879184

■ 929192

■ 9D91A1

■ A891AF

■ B391BE

# Harmonies

## Analogous

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



85871D



50913B



009767

# Triad

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



50913B



008EDB



D7576E

# Complementary

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



50913B



7C3B91

# 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.



CA5A9C



50913B



527FDC

# Square

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



50913B



0096C2



A16CC5



CC6443

# Rectangle

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



50913B



009887



A16CC5



D5567D



# Sweetspot

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



50913B



A3BD9B



917C3B



4F5E4A



DEDEDE



5E5E5E



# Same Dimension

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



50913B



57BD37



3B9151



424740



218700



020800



# Inverse Universe

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



7C3B91



9C37BD



913B7C



464047



660087



060008



# Previews

## White Background



This preview shows how the Hex color 50913B looks on a white background.

## Color Contrast Check

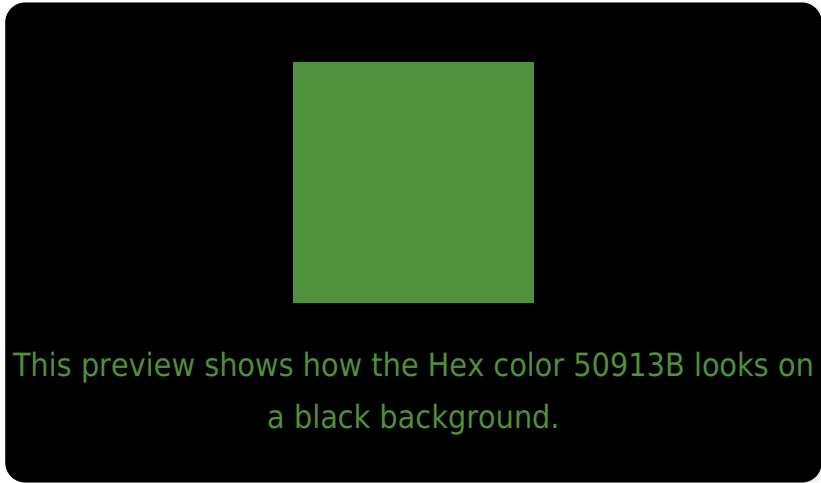
Large Text (above 18pt) WCAG AA ✓ Pass

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

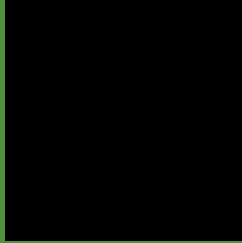
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 50913B Background



This preview shows how black text looks on a background with the Hex color 50913B.



This preview shows how white text looks on a background with the Hex color 50913B.

# 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



**Original Color**  
50913B

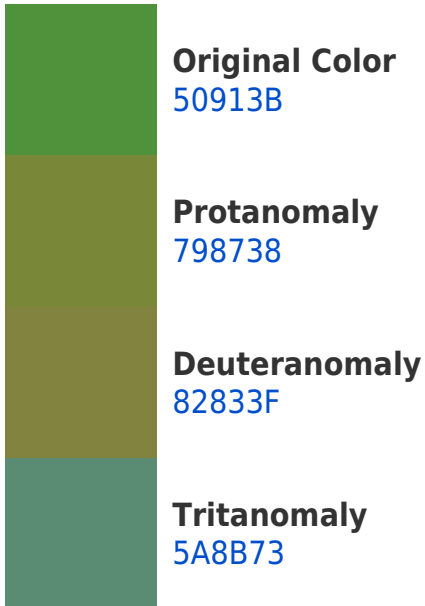
**Protanopia**  
908136

**Deuteranopia**  
9F7B41

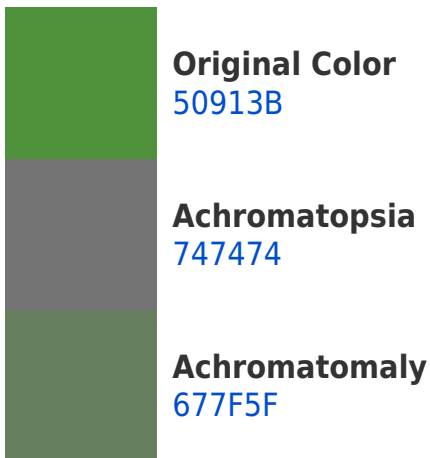


**Tritanopia**  
608893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50913B 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 #50913B looks like.

```
.text, #text, p{  
    color:#50913B  
}
```

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 #50913B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50913B
}
```

## Border

The CSS property to change the border of an element to Hex 50913B 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
#50913B }
```

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

```
.border{ border-color:#50913B }
```

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

Here you see how a box with a 4 pixel #50913B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50913B; -webkit-box-shadow:4px 4px  
4px 4px #50913B; box-shadow:4px 4px 4px  
4px #50913B }
```

# Background

The CSS property to change the background color of an element to Hex 50913B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50913B }
```

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

```
.background{ background-color:#50913B }
```

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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