

# Converting Colors

Hex(52B23E)

Have a look what the booklet for  
Hex(52B23E) contains.

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# **Color**

**Hex(52B23E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52B23E
RGB	82, 178, 62
RGB Percent	32%, 70%, 24%
CMY	0.6784, 0.3020, 0.7569
CMYK	0.54, 0.00, 0.65, 0.30
HSL	110°, 48%, 47%
HSV	110°, 65%, 70%
XYZ	20.2696, 33.9824, 10.0484
YIQ	136.0720, -19.9800, -56.4280

# Conversions

## Conversions Part 2

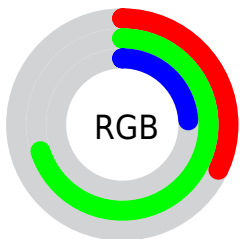
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 178, 158</a>
Decimal	<a href="#">5419582</a>
CIELab	<a href="#">64.95, -50.19, 49.19</a>
CIElCh	<a href="#">65, 70.274, 135.580</a>
Yxy	<a href="#">33.9824, 0.3152, 0.5285</a>
Android (android.graphics.Color)	<a href="#">4283609662</a> ( <a href="#">0xFF52B23E</a> )
YUV	<a href="#">136.0720, -36.5175, -47.4211</a>
Hunter-Lab	<a href="#">58.2944, -39.9490, 30.5861</a>

# Details

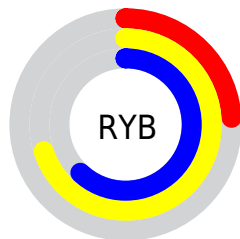
The Hex color **52B23E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E3EB2**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8BEB72**, and **067C00** is the 20% darker color. If you saturate the color by 10%, you get **43B22C**, and if you desaturate by 10%, it is **61B250**.

# Distribution



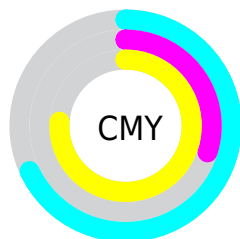
- Red (32%)
- Green (70%)
- Blue (24%)



- Red (24%)
- Yellow (70%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (65%)
- Black (30%)



- Cyan (68%)
- Magenta (30%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52B23E 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 52B23E by changing the saturation by 10% instead.





52B23E



52B23E

FFFFFF



339723



8BEB72



067C00



A8FF8D



006200



C5FFA9



004A00



E3FFC5



003200



FFFFE1



001A00

FFFFFFE



000000



52B23E



52B23E



43B22C



61B250

 35B21A

 6FB262

 26B209

 7EB273

 1FB200

 8DB285

 9CB297

 AAB2A9

 B9B2BB

 C8B2CC

 D7B2DE

# Harmonies

## Analogous

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



9DA500



52B23E



00B97C

# Triad

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



52B23E



00ADFF



FF5F80

# Complementary

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



52B23E



9E3EB2

# 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.



FF63BF



52B23E



599AFF

# Square

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



52B23E



00B8F6



CA7EF6



FD7545

# Rectangle

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



52B23E



00BBA8



CA7EF6



FF5D94



# Sweetspot

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



52B23E



C2E8BA



B29D3E



5E7559



F5F5F5



757575



# Same Dimension

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



52B23E



52E833



3EB263



525950



1A9900



041A00



# Inverse Universe

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



9E3EB2



C933E8



B23E8D



585059



7F0099



15001A



# Previews

## White Background



This preview shows how the Hex color 52B23E looks on a white background.

## Color Contrast Check

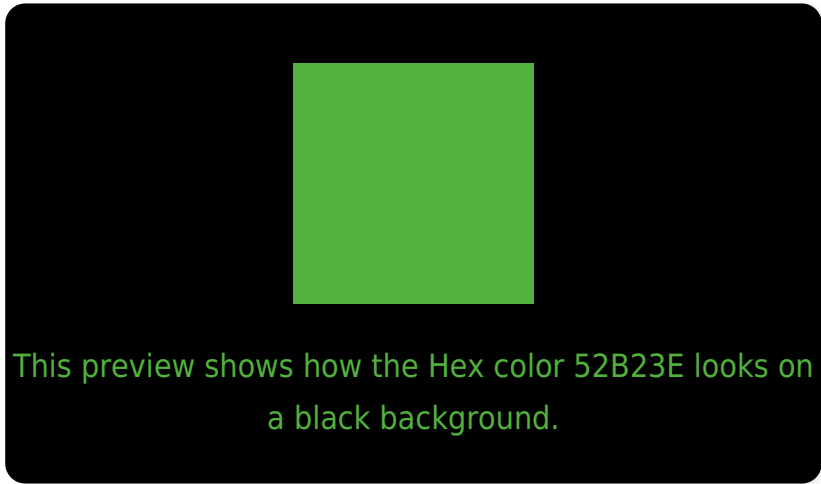
Large Text (above 18pt) WCAG AA × Fail

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 52B23E Background



This preview shows how black text looks on a background with the Hex color 52B23E.



This preview shows how white text looks on a background with the Hex color 52B23E.

# 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**  
52B23E

**Protanopia**  
AF9D38

**Deuteranopia**  
C29547



**Tritanopia**  
6AA7B4

# Trichromacy



**Original Color**  
52B23E



**Protanomaly**  
8DA53A



**Deuteranomaly**  
99A044



**Tritanomaly**  
61AB89

# Monochromacy



**Original Color**  
52B23E



**Achromatopsia**  
888888



**Achromatomaly**  
74976D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52B23E 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 #52B23E looks like.

```
.text, #text, p{  
    color:#52B23E  
}
```

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 #52B23E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B23E
}
```

## Border

The CSS property to change the border of an element to Hex 52B23E 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
#52B23E }
```

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

```
.border{ border-color:#52B23E }
```

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

Here you see how a box with a 4 pixel #52B23E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B23E; -webkit-box-shadow:4px 4px  
4px 4px #52B23E; box-shadow:4px 4px 4px  
4px #52B23E }
```

# Background

The CSS property to change the background color of an element to Hex 52B23E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B23E }
```

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

```
.background{ background-color:#52B23E }
```

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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