

# Converting Colors

Hex(51C23D)

Have a look what the booklet for  
Hex(51C23D) contains.

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# **Color**

**Hex(51C23D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51C23D
RGB	81, 194, 61
RGB Percent	32%, 76%, 24%
CMY	0.6824, 0.2392, 0.7608
CMYK	0.58, 0.00, 0.69, 0.24
HSL	111°, 52%, 50%
HSV	111°, 69%, 76%
XYZ	23.5274, 40.6698, 11.0249
YIQ	145.0510, -24.6550, -65.3190

# Conversions

## Conversions Part 2

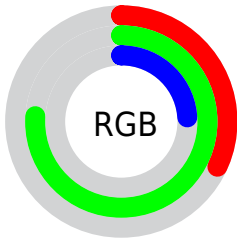
Format	Color
<a href="#">RYB</a>	<a href="#">61, 194, 174</a>
Decimal	<a href="#">5358141</a>
CIELab	<a href="#">69.94, -56.51, 54.96</a>
CIElCh	<a href="#">70, 78.827, 135.795</a>
Yxy	<a href="#">40.6698, 0.3128, 0.5407</a>
Android (android.graphics.Color)	<a href="#">4283548221 (0xFF51C23D)</a>
YUV	<a href="#">145.0510, -41.4371, -56.1727</a>
Hunter-Lab	<a href="#">63.7729, -45.7494, 34.3911</a>

# Details

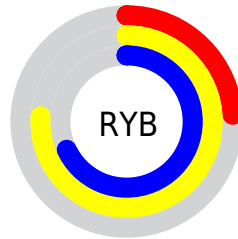
The Hex color **51C23D** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **AE3DC2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8DFB73**, and **008B00** is the 20% darker color. If you saturate the color by 10%, you get **41C22A**, and if you desaturate by 10%, it is **61C250**.

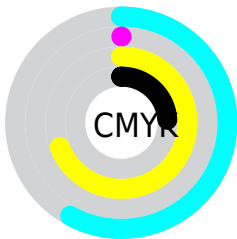
# Distribution



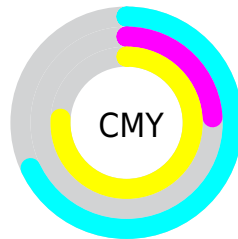
- Red (32%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (68%)



- Cyan (58%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)



- Cyan (68%)
- Magenta (24%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51C23D 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 51C23D by changing the saturation by 10% instead.



 51C23D

 51C23D

FFFFFF

 2FA620

 8DFB73

 008B00

 AAF8E

 007100

 C8FFAA

 005700

 E6FFC6

 003E00

 FFFFEE

 002800

 000000

 51C23D

 51C23D

 41C22A

 61C250

 30C216

 72C264

 20C203

 82C277

 1DC200

 93C28B

 A3C29E

 B4C2B1

 C4C2C5

 D5C2D8

 E5C2EC

# Harmonies

## Analogous

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



A9B300



51C23D



00CA85

# Triad

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



51C23D



00BDFE



FF6188

# Complementary

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



51C23D



AE3DC2

# 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.



FF66D0



51C23D



57A6FF

# Square

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



51C23D



00C8FF



DD86FF



FF7C46

# Rectangle

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



51C23D



00CCB7



DD86FF



FF5EA0

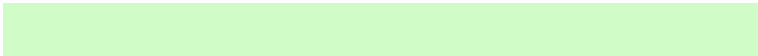


# Sweetspot

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



51C23D



CFFCC7



C2AC3D



648060



000000



808080



# Same Dimension

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



51C23D



4DFC2D



3DC269



596157



18A100



052100



# Inverse Universe

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



AE3DC2



DD2DFC



C23D96



5F5761



8800A1



1C0021



# Previews

## White Background



This preview shows how the Hex color 51C23D looks on a white background.

## Color Contrast Check

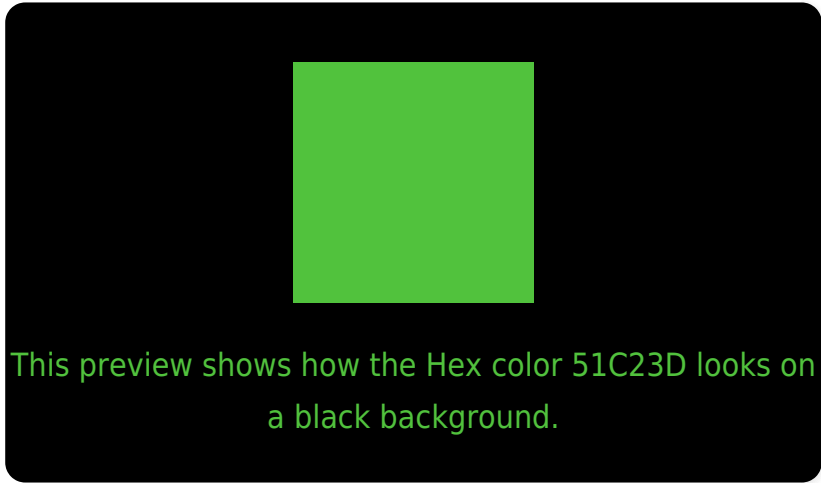
Large Text (above 18pt) WCAG AA × Fail

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 51C23D Background



This preview shows how black text looks on a background with the Hex color 51C23D.

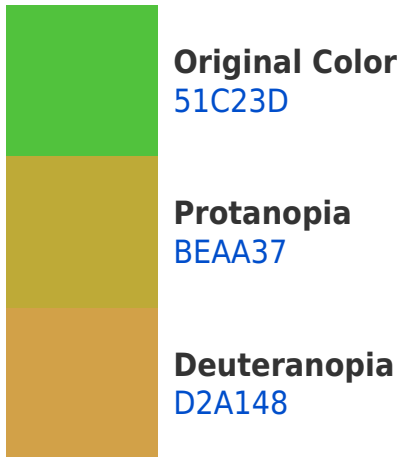


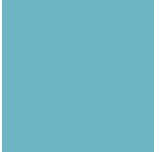
This preview shows how white text looks on a background with the Hex color 51C23D.

# 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**  
6EB5C4

# Trichromacy



**Original Color**  
51C23D



**Protanomaly**  
96B339



**Deuteranomaly**  
A3AD44



**Tritanomaly**  
63BA93

# Monochromacy



**Original Color**  
51C23D



**Achromatopsia**  
919191



**Achromatomaly**  
7AA372

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51C23D 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 #51C23D looks like.

```
.text, #text, p{  
    color:#51C23D  
}
```

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 #51C23D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C23D
}
```

## Border

The CSS property to change the border of an element to Hex 51C23D 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
#51C23D }
```

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

```
.border{ border-color:#51C23D }
```

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

Here you see how a box with a 4 pixel #51C23D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C23D; -webkit-box-shadow:4px 4px  
4px 4px #51C23D; box-shadow:4px 4px 4px  
4px #51C23D }
```

# Background

The CSS property to change the background color of an element to Hex 51C23D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C23D }
```

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

```
.background{ background-color:#51C23D }
```

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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