

Converting Colors

Hex(51C32E)

Have a look what the booklet for
Hex(51C32E) contains.

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Color

Hex(51C32E)

Conversions

Conversions Part 1

Format	Color
Hex	51C32E
RGB	81, 195, 46
RGB Percent	32%, 76%, 18%
CMY	0.6824, 0.2353, 0.8196
CMYK	0.58, 0.00, 0.76, 0.24
HSL	106°, 62%, 47%
HSV	106°, 76%, 76%
XYZ	23.4016, 40.9768, 9.2607
YIQ	143.9280, -20.1150, -70.5070

Conversions

Conversions Part 2

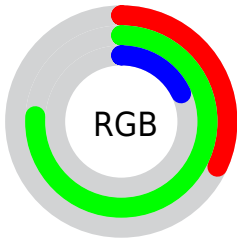
Format	Color
RYB	46, 195, 160
Decimal	5358382
CIELab	70.16, -58.00, 60.60
CIELCh	70, 83.879, 133.744
Yxy	40.9768, 0.3178, 0.5565
Android (android.graphics.Color)	4283548462 (0xFF51C32E)
YUV	143.9280, -48.2785, -55.1879
Hunter-Lab	64.0131, -46.7679, 36.2318

Details

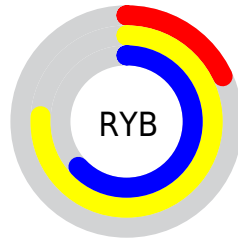
The Hex color **51C32E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **A02EC3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8EFD67**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **42C31A**, and if you desaturate by 10%, it is **60C342**.

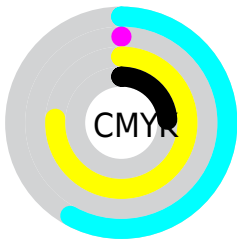
Distribution



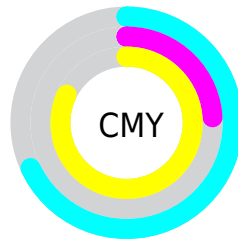
- Red (32%)
- Green (76%)
- Blue (18%)



- Red (18%)
- Yellow (76%)
- Blue (63%)



- Cyan (58%)
- Magenta (0%)
- Yellow (76%)
- Black (24%)




- Cyan (68%)
- Magenta (24%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C32E 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 51C32E by changing the saturation by 10% instead.

 51C32E

 51C32E

FFFFFF

 2EA705

 8EFD67

 008C00

 ABFF82

 007200


 C9FF9E

 005800

 E7FFBA

 003F00

 FFFFD7

 002800

 FFFFF4

 000100

 000000

 51C32E

 51C32E

 42C31A

 60C342

 33C307

 6FC355

 2EC300

 7EC369

 8DC37C

 9CC390

 ABC3A3

 B9C3B7

 C8C3CA

 D7C3DD

Harmonies

Analogous

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



ADB300



51C32E



00CB7E

Triad

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



51C32E



00C0FF



FF588C

Complementary

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



51C32E



A02EC3

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.



FF60D8



51C32E



27A9FF

Square

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



51C32E



00CBFF



DA86FF



FF7544

Rectangle

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



51C32E



00CEB3



DA86FF



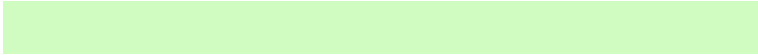
FF55A5

Sweetspot

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



51C32E



D0FCC2



C39E2E



64805C



000000



808080

Same Dimension

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



51C32E



4BFC14



2EC353



596157



26A100



082100

Inverse Universe

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



A02EC3



C614FC



C32E9E



5F5761



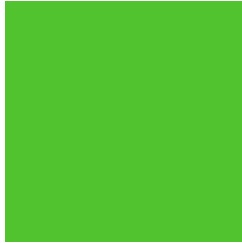
7B00A1



190021

Previews

White Background



This preview shows how the Hex color 51C32E looks on a white background.

Color Contrast Check

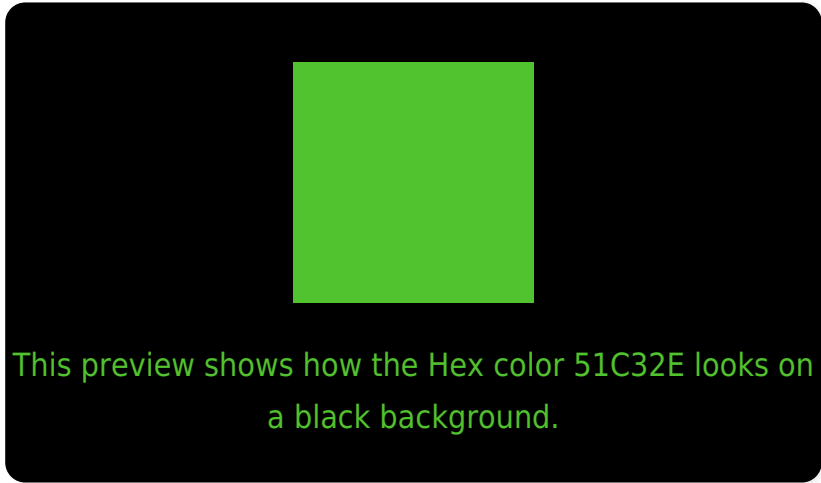
Large Text (above 18pt) WCAG AA × Fail

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

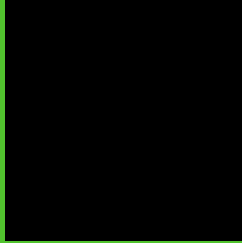
Any Text WCAG AA ✓ Pass

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 51C32E Background



This preview shows how black text looks on a background with the Hex color 51C32E.

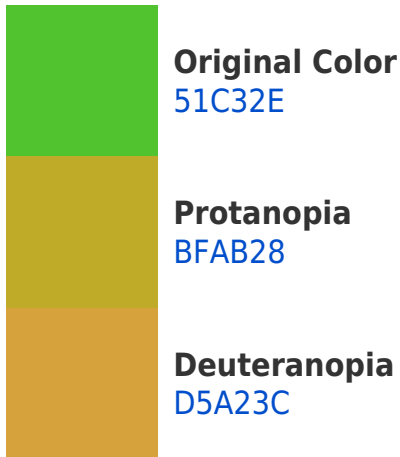


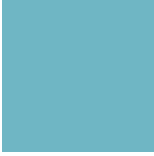
This preview shows how white text looks on a background with the Hex color 51C32E.

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
6FB6C4

Trichromacy



Original Color
51C32E



Protanomaly
97B42A



Deuteranomaly
A5AE37



Tritanomaly
64BB8D

Monochromacy



Original Color
51C32E



Achromatopsia
909090



Achromatomaly
79A36C

CSS Examples

Text

The CSS property to change the color of the text to Hex 51C32E 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 #51C32E looks like.

```
.text, #text, p{  
    color:#51C32E  
}
```

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 #51C32E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C32E
}
```

Border

The CSS property to change the border of an element to Hex 51C32E 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
#51C32E }
```

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

```
.border{ border-color:#51C32E }
```

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

Here you see how a box with a 4 pixel #51C32E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C32E; -webkit-box-shadow:4px 4px  
4px 4px #51C32E; box-shadow:4px 4px 4px  
4px #51C32E }
```

Background

The CSS property to change the background color of an element to Hex 51C32E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C32E }
```

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

```
.background{ background-color:#51C32E }
```

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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