

Converting Colors

Hex(52B421)

Have a look what the booklet for
Hex(52B421) contains.

Hex(52B421)	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(52B421)

Conversions

Conversions Part 1

Format	Color
Hex	52B421
RGB	82, 180, 33
RGB Percent	32%, 71%, 13%
CMY	0.6784, 0.2941, 0.8706
CMYK	0.54, 0.00, 0.82, 0.29
HSL	100°, 69%, 42%
HSV	100°, 82%, 71%
XYZ	20.0754, 34.5462, 7.0488
YIQ	133.9400, -11.2210, -66.4930

Conversions

Conversions Part 2

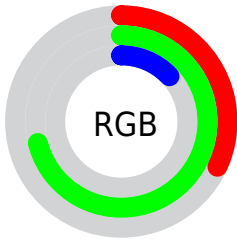
Format	Color
RYB	33, 180, 131
Decimal	5420065
CIELab	65.39, -53.07, 60.03
CIELCh	65, 80.121, 131.478
Yxy	34.5462, 0.3255, 0.5602
Android (android.graphics.Color)	4283610145 (0xFF52B421)
YUV	133.9400, -49.7634, -45.5514
Hunter-Lab	58.7760, -41.8897, 34.0327

Details

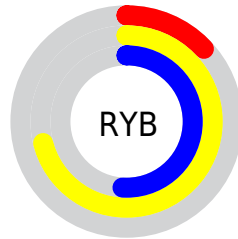
The Hex color **52B421** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8321B4**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8DED5B**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **46B40F**, and if you desaturate by 10%, it is **5EB433**.

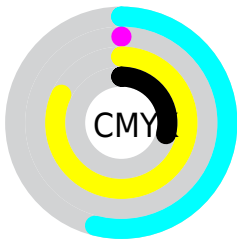
Distribution



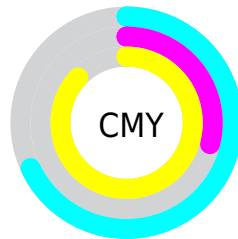
- Red (32%)
- Green (71%)
- Blue (13%)



- Red (13%)
- Yellow (71%)
- Blue (51%)



- Cyan (54%)
- Magenta (0%)
- Yellow (82%)
- Black (29%)



- Cyan (68%)
- Magenta (29%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B421 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 52B421 by changing the saturation by 10% instead.

 52B421

 52B421

FFFFFF

 329900

 8DED5B

 007E00

 AAFF77

 006400

 C7FF92

 004B00

 E5FFAE

 003400

 FFFFCB

 001B00

 FFFF E8

 000000

 52B421

 52B421

 46B40F

 5EB433

 3CB400

 6AB445

 76B457

 82B469

 8EB47B

 9AB48D

 A6B49F

 B2B4B1

 BEB4C3

Harmonies

Analogous

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



A5A400



52B421



00BC6E

Triad

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



52B421



00B3FF



FF4E86

Complementary

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



52B421



8321B4

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.



FF59CE



52B421



009EFF

Square

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



52B421



00BDFD



C37EFF



FF6942

Rectangle

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



52B421



00BFA0



C37EFF



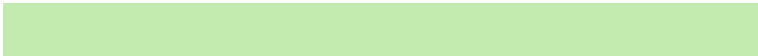
FF4D9E

Sweetspot

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



52B421



C3EBB0



B48321



5E7552



F5F5F5



757575

Same Dimension

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



52B421



51EB05



21B439



535950



339900



081A00

Inverse Universe

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



8321B4



9E05EB



B4219B



565059



660099



11001A

Previews

White Background



This preview shows how the Hex color 52B421 looks on a white background.

Color Contrast Check

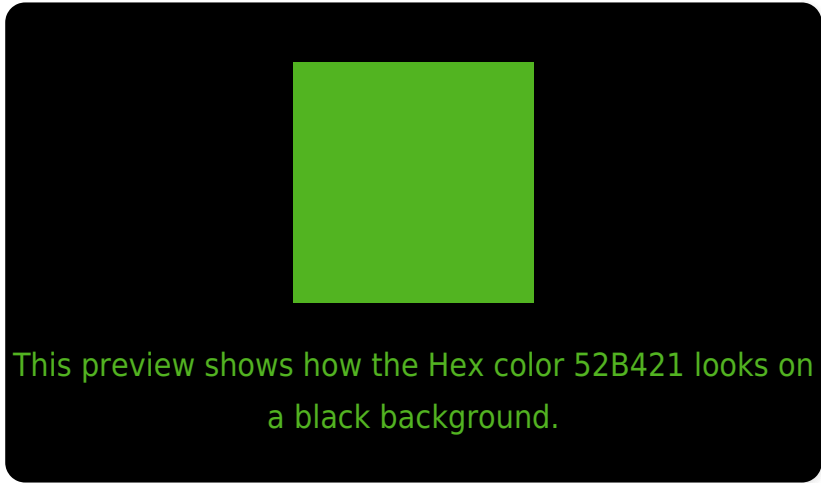
Large Text (above 18pt) WCAG AA × Fail

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 52B421 Background



This preview shows how black text looks on a background with the Hex color 52B421.

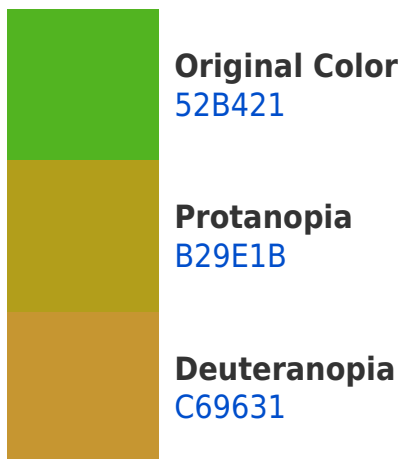


This preview shows how white text looks on a background with the Hex color 52B421.

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
6CA8B5

Trichromacy



Original Color
52B421



Protanomaly
8FA61D



Deuteranomaly
9CA12B



Tritanomaly
63AC7F

Monochromacy



Original Color
52B421



Achromatopsia
868686



Achromatomaly
739761

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B421 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 #52B421 looks like.

```
.text, #text, p{  
    color:#52B421  
}
```

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 #52B421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B421
}
```

Border

The CSS property to change the border of an element to Hex 52B421 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
#52B421 }
```

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

```
.border{ border-color:#52B421 }
```

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

Here you see how a box with a 4 pixel #52B421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B421; -webkit-box-shadow:4px 4px  
4px 4px #52B421; box-shadow:4px 4px 4px  
4px #52B421 }
```

Background

The CSS property to change the background color of an element to Hex 52B421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B421 }
```

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

```
.background{ background-color:#52B421 }
```

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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