

# Converting Colors

Hex(54B221)

Have a look what the booklet for  
Hex(54B221) contains.

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**Color**

**Hex(54B221)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 54B221                      |
| RGB         | 84, 178, 33                 |
| RGB Percent | 33%, 70%, 13%               |
| CMY         | 0.6706, 0.3020, 0.8706      |
| CMYK        | 0.53, 0.00, 0.81, 0.30      |
| HSL         | 99°, 69%, 41%               |
| HSV         | 99°, 81%, 70%               |
| XYZ         | 19.8511, 33.8354, 6.9235    |
| YIQ         | 133.3640, -9.4790, -65.0230 |

# Conversions

## Conversions Part 2

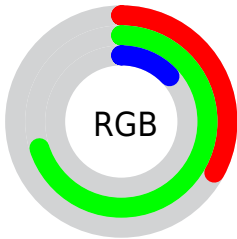
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">33, 178, 127</a>                                 |
| Decimal                             | <a href="#">5550625</a>                                      |
| CIELab                              | <a href="#">64.83, -51.76, 59.54</a>                         |
| CIELCh                              | <a href="#">65, 78.890, 131.001</a>                          |
| Yxy                                 | <a href="#">33.8354, 0.3275, 0.5582</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4283740705</a><br>( <a href="#">0xFF54B221</a> ) |
| YUV                                 | <a href="#">133.3640, -49.4795, -43.2922</a>                 |
| Hunter-Lab                          | <a href="#">58.1682, -40.8777, 33.6608</a>                   |

# Details

The Hex color **54B221** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7F21B2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8EEB5B**, and **057C00** is the 20% darker color. If you saturate the color by 10%, you get **48B20F**, and if you desaturate by 10%, it is **60B233**.

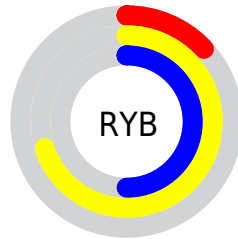
# Distribution



Red (33%)

Green (70%)

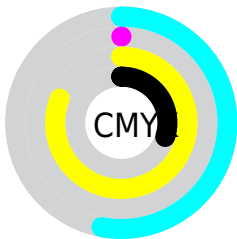
Blue (13%)



Red (13%)

Yellow (70%)

Blue (50%)

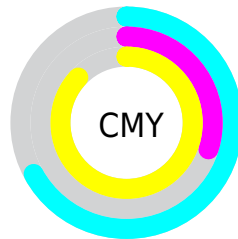


Cyan (53%)

Magenta (0%)

Yellow (81%)

Black (30%)



Cyan (67%)

Magenta (30%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54B221 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 54B221 by changing the saturation by 10% instead.



 54B221

 54B221

FFFFFF

 359700

 8EEB5B

 057C00

 ABFF76

 006200

 C9FF92

 004A00

 E6FFAE

 003200

 FFFFC4

 001A00

 FFFFE7

 000000

 54B221

 54B221

 48B20F

 60B233

 3FB200

 6BB245

 77B256

 82B268

 8EB27A

 99B28C

 A5B29E

 B0B2AF

 BCB2C1

# Harmonies

## Analogous

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



A5A200



54B221



00BA6C

# Triad

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



54B221



00B1FF



FF4E86

# Complementary

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



54B221



7F21B2

# 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.



FF5ACD



54B221



009DFF

# Square

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



54B221



00BBF9



C07EFF



FF6843

# Rectangle

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



54B221



00BD9E



C07EFF



FF4D9E



# Sweetspot

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



54B221



C4E8B0



B27D21



5F7553



F5F5F5



757575



# Same Dimension

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



54B221



55E805



21B234



535950



369900



091A00



# Inverse Universe

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



7F21B2



9805E8



B2219F



565059



630099



11001A



# Previews

## White Background



This preview shows how the Hex color 54B221 looks on a white background.

## Color Contrast Check

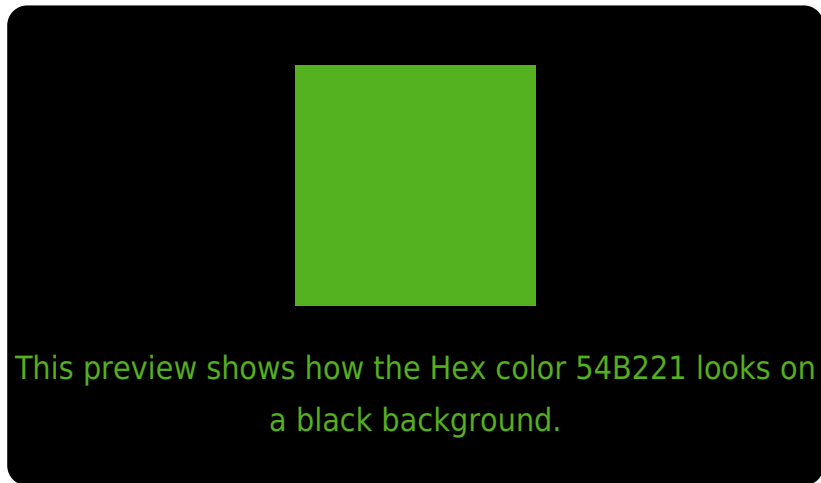
Large Text (above 18pt) WCAG AA × Fail

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 54B221 Background



This preview shows how black text looks on a background with the Hex color 54B221.



This preview shows how white text looks on a background with the Hex color 54B221.

# 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**  
54B221

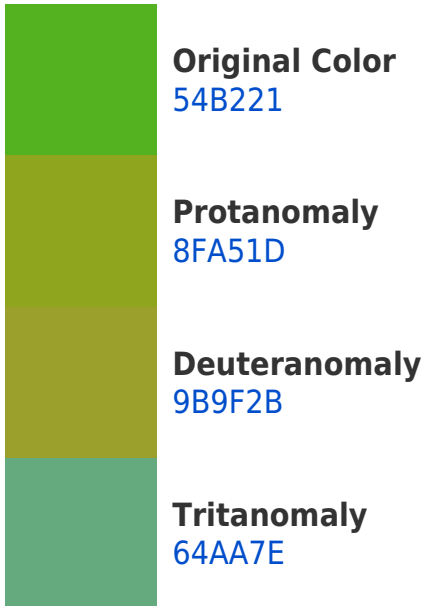
**Protanopia**  
B09D1B

**Deuteranopia**  
C49430



**Tritanopia**  
6DA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54B221 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 #54B221 looks like.

```
.text, #text, p{  
    color:#54B221  
}
```

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 #54B221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54B221
}
```

## Border

The CSS property to change the border of an element to Hex 54B221 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
#54B221 }
```

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

```
.border{ border-color:#54B221 }
```

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

Here you see how a box with a 4 pixel #54B221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54B221; -webkit-box-shadow:4px 4px  
4px 4px #54B221; box-shadow:4px 4px 4px  
4px #54B221 }
```

# Background

The CSS property to change the background color of an element to Hex 54B221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54B221 }
```

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

```
.background{ background-color:#54B221 }
```

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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