

# Converting Colors

Hex(55A507)

Have a look what the booklet for  
Hex(55A507) contains.

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**Color**

**Hex(55A507)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55A507
RGB	85, 165, 7
RGB Percent	33%, 65%, 3%
CMY	0.6667, 0.3529, 0.9725
CMYK	0.48, 0.00, 0.96, 0.35
HSL	90°, 92%, 34%
HSV	90°, 96%, 65%
XYZ	17.2398, 28.8569, 4.8623
YIQ	123.0680, 3.0380, -66.0980

# Conversions

## Conversions Part 2

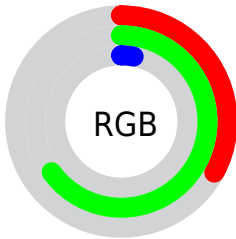
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 165, 87
Decimal	5612807
CIELab	60.66, -47.38, 61.21
CIELCh	61, 77.402, 127.742
Yxy	28.8569, 0.3383, 0.5663
Android (android.graphics.Color)	4283802887 (0xFF55A507)
YUV	123.0680, -57.2215, -33.3856
Hunter-Lab	53.7186, -36.7220, 32.2364

# Details

The Hex color **55A507** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5707A5**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8EDD4C**, and **117000** is the 20% darker color. If you saturate the color by 10%, you get **51A500**, and if you desaturate by 10%, it is **5DA518**.

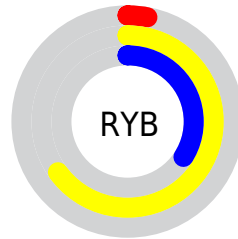
# Distribution



Red (33%)

Green (65%)

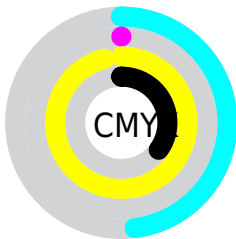
Blue (3%)



Red (3%)

Yellow (65%)

Blue (34%)

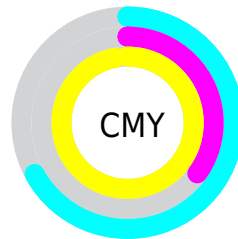


Cyan (48%)

Magenta (0%)

Yellow (96%)

Black (35%)



Cyan (67%)

Magenta (35%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55A507 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 55A507 by changing the saturation by 10% instead.





55A507



55A507

FFFFFF



378A00



8EDD4C



117000



ABFA67



005700



C8FF83



003F00



E6FF9F



002A00



FFFFBB



000400



FFFFD8



000000



FFFFF5



55A507



55A507

■ 51A500

■ 5DA518

■ 66A528

■ 6EA539

■ 76A549

■ 7FA55A

■ 87A56A

■ 8FA57A

■ 98A58B

■ A0A59B

# Harmonies

## Analogous

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



A09500



55A507



00AD5B

# Triad

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



55A507



00A7FF



FF4284

# Complementary

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



55A507



5707A5

# Split Complementary

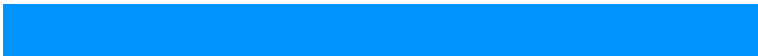
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F053C8



55A507



0095FF

# Square

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



55A507



00AFE5



A977FF



FE5A42

# Rectangle

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



55A507



00B08B



A977FF



FF439B



# Sweetspot

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



55A507



B7D698



A55607



586B46



EBEBEB



6B6B6B



# Same Dimension

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



55A507



6AD600



07A507



4D5249



489100



091200



# Inverse Universe

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



5707A5



6C00D6



A507A5



4E4952



4A0091



090012



# Previews

## White Background



This preview shows how the Hex color 55A507 looks on a white background.

## Color Contrast Check

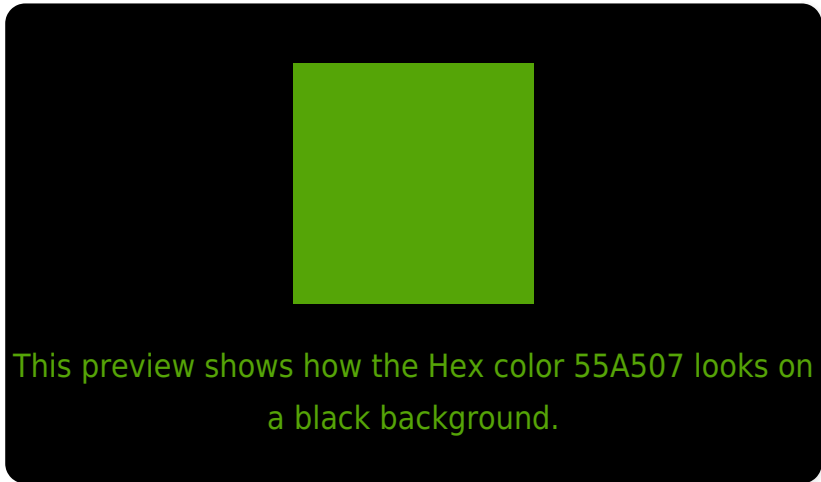
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55A507 Background



This preview shows how black text looks on a background with the Hex color 55A507.



This preview shows how white text looks on a background with the Hex color 55A507.

# 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**  
55A507

**Protanopia**  
A49200

**Deuteranopia**  
B78A22



**Tritanopia**  
6A99A6

# Trichromacy



**Original Color**  
55A507



**Protanomaly**  
879903



**Deuteranomaly**  
939418



**Tritanomaly**  
629D6C

# Monochromacy



**Original Color**  
55A507



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
6D8A51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55A507 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 #55A507 looks like.

```
.text, #text, p{  
    color:#55A507  
}
```

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 #55A507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A507
}
```

## Border

The CSS property to change the border of an element to Hex 55A507 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
#55A507 }
```

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

```
.border{ border-color:#55A507 }
```

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

Here you see how a box with a 4 pixel #55A507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A507; -webkit-box-shadow:4px 4px  
4px 4px #55A507; box-shadow:4px 4px 4px  
4px #55A507 }
```

# Background

The CSS property to change the background color of an element to Hex 55A507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A507 }
```

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

```
.background{ background-color:#55A507 }
```

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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