

# Converting Colors

Hex(52AE27)

Have a look what the booklet for  
Hex(52AE27) contains.

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**Color**

**Hex(52AE27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52AE27
RGB	82, 174, 39
RGB Percent	32%, 68%, 15%
CMY	0.6784, 0.3176, 0.8471
CMYK	0.53, 0.00, 0.78, 0.32
HSL	101°, 63%, 42%
HSV	101°, 78%, 68%
XYZ	18.9819, 32.2124, 7.1366
YIQ	131.1020, -11.4970, -61.4890

# Conversions

## Conversions Part 2

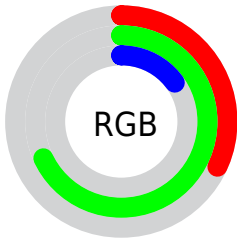
Format	Color
<a href="#">RYB</a>	<a href="#">39, 174, 131</a>
Decimal	<a href="#">5418535</a>
CIELab	<a href="#">63.52, -50.49, 56.46</a>
CIELCh	<a href="#">64, 75.744, 131.804</a>
Yxy	<a href="#">32.2124, 0.3254, 0.5522</a>
Android (android.graphics.Color)	<a href="#">4283608615</a> ( <a href="#">0xFF52AE27</a> )
YUV	<a href="#">131.1020, -45.4063, -43.0625</a>
Hunter-Lab	<a href="#">56.7560, -39.6240, 32.2739</a>

# Details

The Hex color **52AE27** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8327AE**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8CE65F**, and **047800** is the 20% darker color. If you saturate the color by 10%, you get **46AE16**, and if you desaturate by 10%, it is **5EAE38**.

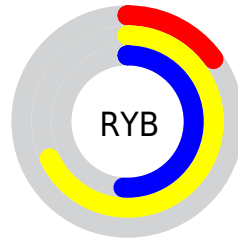
# Distribution



Red (32%)

Green (68%)

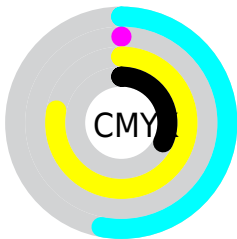
Blue (15%)



Red (15%)

Yellow (68%)

Blue (51%)

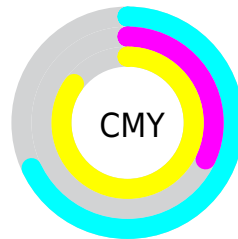


Cyan (53%)

Magenta (0%)

Yellow (78%)

Black (32%)



Cyan (68%)

Magenta (32%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52AE27 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 52AE27 by changing the saturation by 10% instead.



 52AE27

 52AE27


FFFFFF

 339300

 8CE65F

 047800

 A9FF7A

 005F00

 C6FF95

 004600

 E3FFB1

 003000

 FFFFCD

 001500

 FFFFEA

 000000

 52AE27

 52AE27

 46AE16

 5EAE38

 3AAE04

 6AAE4A

 37AE00

 76AE5B

 81AE6D

 8DAE7E

 99AE8F

 A5AEA1

 B1AEB2

 BDAEC4

# Harmonies

## Analogous

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



A09F00



52AE27



00B66D

# Triad

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



52AE27



00ADFF



FF5082

# Complementary

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



52AE27



8327AE

# 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.



FD5AC6



52AE27



0099FF

# Square

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



52AE27



00B6F3



BD7BFF



FF6842

# Rectangle

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



52AE27



00B89C



BD7BFF



FF4F99



# Sweetspot

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



52AE27



BFE3AF



AE8127



5D7353



F2F2F2



737373



# Same Dimension

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



52AE27



53E310



27AE3D



51574E



309600



071700



# Inverse Universe

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



8327AE



A010E3



AE2797



544E57



670096



100017



# Previews

## White Background



This preview shows how the Hex color 52AE27 looks on a white background.

## Color Contrast Check

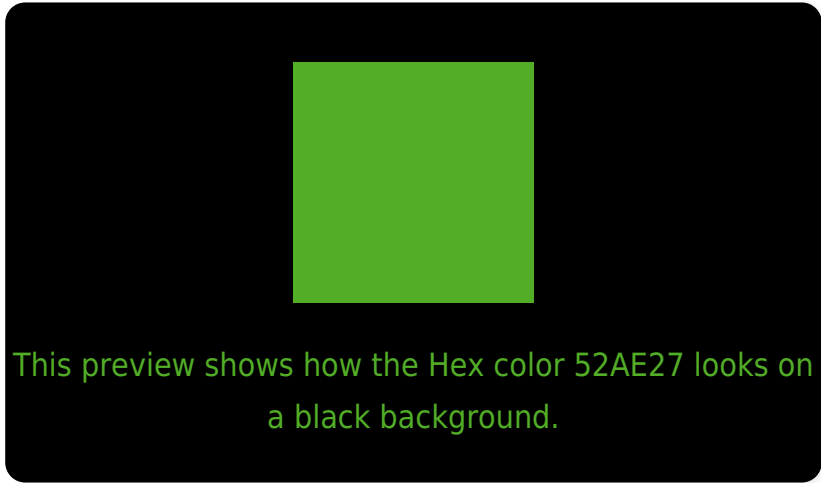
Large Text (above 18pt) WCAG AA × Fail

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 52AE27 Background



This preview shows how black text looks on a background with the Hex color 52AE27.



This preview shows how white text looks on a background with the Hex color 52AE27.

# 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**  
52AE27

**Protanopia**  
AC9922

**Deuteranopia**  
BF9134



**Tritanopia**  
6AA2AF

# Trichromacy



**Original Color**  
52AE27



**Protanomaly**  
8BA124



**Deuteranomaly**  
979C2F



**Tritanomaly**  
61A67E

# Monochromacy



**Original Color**  
52AE27



**Achromatopsia**  
838383



**Achromatomaly**  
719362

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52AE27 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 #52AE27 looks like.

```
.text, #text, p{  
    color:#52AE27  
}
```

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 #52AE27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52AE27
}
```

## Border

The CSS property to change the border of an element to Hex 52AE27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

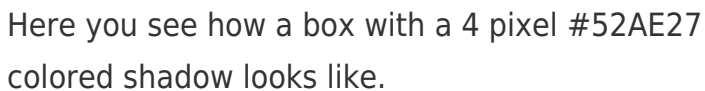
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52AE27 }
```

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

```
.border{ border-color:#52AE27 }
```

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



Here you see how a box with a 4 pixel #52AE27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52AE27; -webkit-box-shadow:4px 4px  
4px 4px #52AE27; box-shadow:4px 4px 4px  
4px #52AE27 }
```

# Background

The CSS property to change the background color of an element to Hex 52AE27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52AE27 }
```

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

```
.background{ background-color:#52AE27 }
```

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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