

Converting Colors

Hex(57A022)

Have a look what the booklet for
Hex(57A022) contains.

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Color

Hex(57A022)

Conversions

Conversions Part 1

Format	Color
Hex	57A022
RGB	87, 160, 34
RGB Percent	34%, 63%, 13%
CMY	0.6588, 0.3725, 0.8667
CMYK	0.46, 0.00, 0.79, 0.37
HSL	95°, 65%, 38%
HSV	95°, 79%, 63%
XYZ	16.7900, 27.2833, 5.8947
YIQ	123.8090, -3.0620, -54.6620

Conversions

Conversions Part 2

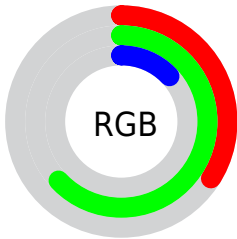
Format	Color
RYB	34, 160, 107
Decimal	5742626
CIELab	59.24, -43.74, 54.06
CIElCh	59, 69.539, 128.980
Yxy	27.2833, 0.3360, 0.5460
Android (android.graphics.Color)	4283932706 (0xFF57A022)
YUV	123.8090, -44.2758, -32.2815
Hunter-Lab	52.2335, -34.0312, 29.8724

Details

The Hex color **57A022** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6B22A0**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8FD759**, and **1A6C00** is the 20% darker color. If you saturate the color by 10%, you get **4EA012**, and if you desaturate by 10%, it is **60A032**.

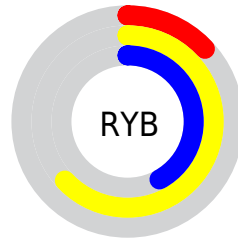
Distribution



Red (34%)

Green (63%)

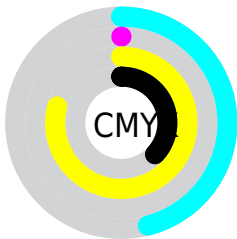
Blue (13%)



Red (13%)

Yellow (63%)

Blue (42%)

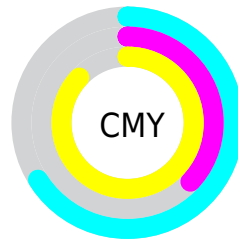


Cyan (46%)

Magenta (0%)

Yellow (79%)

Black (37%)



Cyan (66%)

Magenta (37%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57A022 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 57A022 by changing the saturation by 10% instead.

 57A022

 57A022

FFFFFF

 3A8500

 8FD759

 1A6C00

 ABF474

 005300

 C8FF8F

 003B00

 E5FFAB

 002600

 FFFFC7

 000000

 FFFFE4

 57A022

 57A022

 4EA012

 60A032

■ 44A002

■ 6AA042

■ 43A000

■ 73A052

■ 7CA062

■ 85A072

■ 8FA082

■ 98A092

■ A1A0A2

■ AAA0B2

Harmonies

Analogous

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



9A9200



57A022



00A860

Triad

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



57A022



00A1FF



FB4D7F

Complementary

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



57A022



6B22A0

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.



E558BC



57A022



0090FF

Square

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



57A022



00A9DA



A776EE



F06045

Rectangle

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



57A022



00AA8B



A776EE



F74D93

Sweetspot

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



57A022



B4D19F



A06922



57694A



E8E8E8



696969

Same Dimension

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



57A022



5ED10A



22A02A



4A4F47



3C8F00



060F00

Inverse Universe

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



6B22A0



7E0AD1



A02298



4C474F



53008F



09000F

Previews

White Background



This preview shows how the Hex color 57A022 looks on a white background.

Color Contrast Check

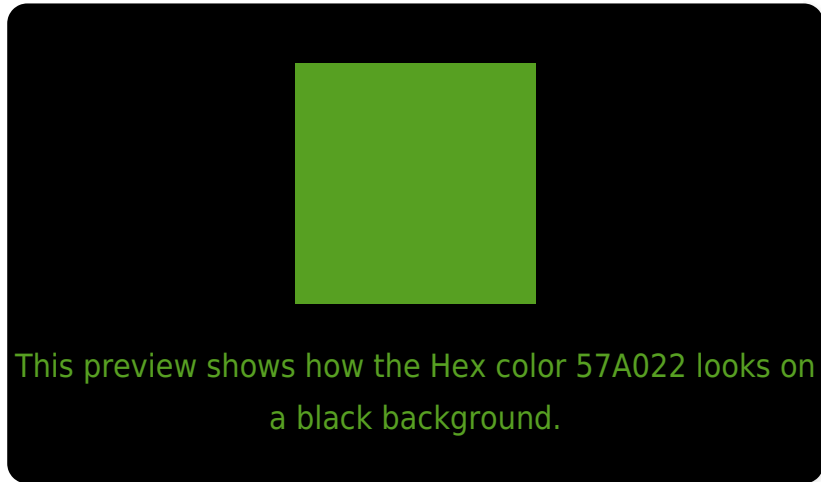
Large Text (above 18pt) WCAG AA ✓ Pass

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 57A022 Background



This preview shows how black text looks on a background with the Hex color 57A022.



This preview shows how white text looks on a background with the Hex color 57A022.

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
57A022

Protanopia
A08E1D

Deuteranopia
B2872E



Tritanopia
6A95A1

Trichromacy



Original Color
57A022

Protanomaly
85951F

Deuteranomaly
91902A

Tritanomaly
639973

Monochromacy



Original Color
57A022

Achromatopsia
7C7C7C

Achromatomaly
6F895B

CSS Examples

Text

The CSS property to change the color of the text to Hex 57A022 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 #57A022 looks like.

```
.text, #text, p{  
    color:#57A022  
}
```

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 #57A022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A022
}
```

Border

The CSS property to change the border of an element to Hex 57A022 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
#57A022 }
```

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

```
.border{ border-color:#57A022 }
```

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

Here you see how a box with a 4 pixel #57A022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A022; -webkit-box-shadow:4px 4px  
4px 4px #57A022; box-shadow:4px 4px 4px  
4px #57A022 }
```

Background

The CSS property to change the background color of an element to Hex 57A022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A022 }
```

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

```
.background{ background-color:#57A022 }
```

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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