

Converting Colors

Hex(63A22A)

Have a look what the booklet for
Hex(63A22A) contains.

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Color

Hex(63A22A)

Conversions

Conversions Part 1

Format	Color
Hex	63A22A
RGB	99, 162, 42
RGB Percent	39%, 64%, 16%
CMY	0.6118, 0.3647, 0.8353
CMYK	0.39, 0.00, 0.74, 0.36
HSL	92°, 59%, 40%
HSV	92°, 74%, 64%
XYZ	18.4838, 28.6605, 6.7483
YIQ	129.4830, 0.9720, -50.6760

Conversions

Conversions Part 2

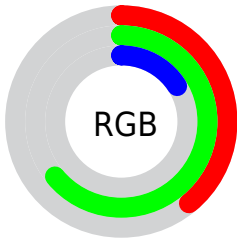
Format	Color
R_{YB}	42, 162, 105
Decimal	6529578
CIE _{Lab}	60.48, -39.98, 52.72
CIE _{LCh}	60, 66.159, 127.175
Yxy	28.6605, 0.3430, 0.5318
Android (android.graphics.Color)	4284719658 (0xFF63A22A)
YUV	129.4830, -43.1291, -26.7336
Hunter-Lab	53.5355, -32.0576, 30.0011

Details

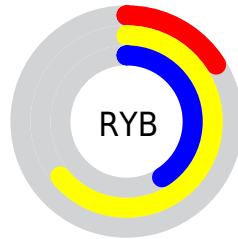
The Hex color **63A22A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **692AA2**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9AD960**, and **2B6E00** is the 20% darker color. If you saturate the color by 10%, you get **5AA21A**, and if you desaturate by 10%, it is **6CA23A**.

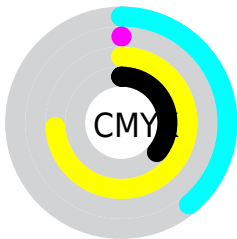
Distribution



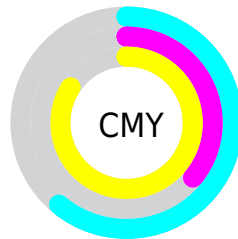
- Red (39%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (64%)
- Blue (41%)



- Cyan (39%)
- Magenta (0%)
- Yellow (74%)
- Black (36%)



- Cyan (61%)
- Magenta (36%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A22A 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 63A22A by changing the saturation by 10% instead.



63A22A



63A22A

FFFFFF



488707



9AD960



2B6E00



B7F67A



095500



D3FF95



003D00



F1FFB1



002800



FFFFCD



000300



FFFFEA



000000



63A22A



63A22A



5AA21A



6CA23A

■ 52A20A

■ 74A24A

■ 4DA200

■ 7DA25B

■ 85A26B

■ 8EA27B

■ 96A28B

■ 9FA29B

■ A7A2AC

■ B0A2BC

Harmonies

Analogous

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



A19400



63A22A



00AA62

Triad

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



63A22A



00A4FD



FA5686

Complementary

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



63A22A



692AA2

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.



E261C0



63A22A



0094FF

Square

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



63A22A



00ABD7



A57CF0



F2654E

Rectangle

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



63A22A



00AC8A



A57CF0



F6579A

Sweetspot

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



63A22A



BBD4A5



A2682A



5C6B4F



EBEBEB



6B6B6B

Same Dimension

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



63A22A



71D417



2AA22C



4D5249



459100



081200

Inverse Universe

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



692AA2



7A17D4



A22AA0



4E4952



4C0091



090012

Previews

White Background



This preview shows how the Hex color 63A22A looks on a white background.

Color Contrast Check

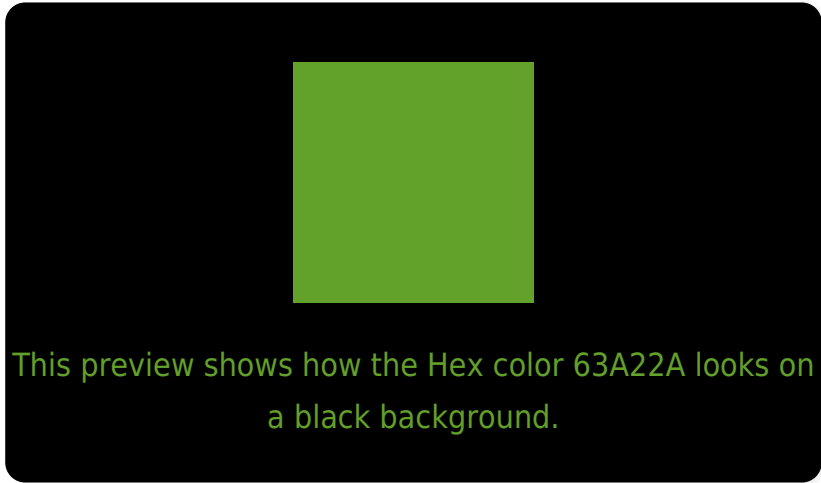
Large Text (above 18pt) WCAG AA ✓ Pass

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 63A22A Background



This preview shows how black text looks on a background with the Hex color 63A22A.

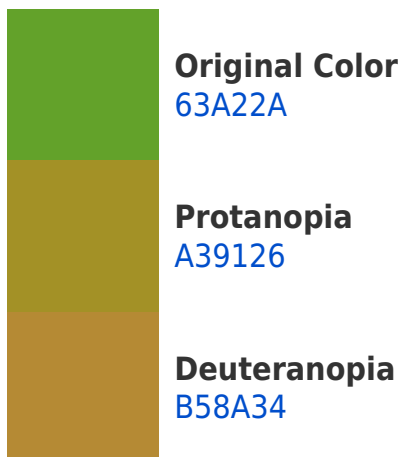


This preview shows how white text looks on a background with the Hex color 63A22A.

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](#).

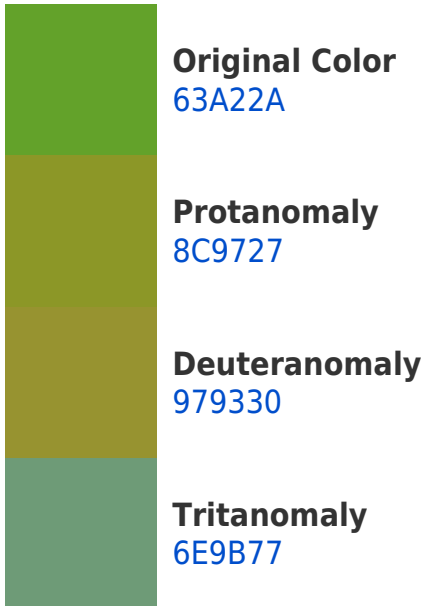
Dichromacy



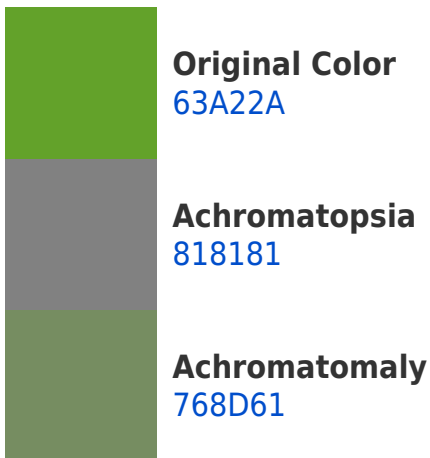


Tritanopia
7497A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A22A 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 #63A22A looks like.

```
.text, #text, p{  
    color:#63A22A  
}
```

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 #63A22A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A22A
}
```

Border

The CSS property to change the border of an element to Hex 63A22A 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
#63A22A }
```

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

```
.border{ border-color:#63A22A }
```

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

Here you see how a box with a 4 pixel #63A22A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A22A; -webkit-box-shadow:4px 4px  
4px 4px #63A22A; box-shadow:4px 4px 4px  
4px #63A22A }
```

Background

The CSS property to change the background color of an element to Hex 63A22A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A22A }
```

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

```
.background{ background-color:#63A22A }
```

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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